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ALABAMA ECONOMIC OUTLOOK - 1983

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The continued poor performance of short term economic indicators has created substantial uncertainty about the strength and timing of the U.S. economic recovery. The unresolved issue of large federal deficits--combined with high unemployment, a strong dollar, and poor corporate liquidity--has led many economic observers to doubt the prospects of recovery or to underrate its strength. Efforts by fiscal and monetary authorities to stimulate the U.S. economy have met with only modest success. Business investment remains weak and the U.S. balance of trade continues to deteriorate. However, while unresolved policy issues pose serious economic problems, it is important that they not overshadow other fundamental sources of growth in the long run.

U.S. OUTLOOK

Overview

Real gross national product--the total output of goods and services, adjusted for inflation--remained unchanged in the third quarter of 1982. This followed a weak increase in the second quarter and two quarters of shrinking output. However, the absence of a third quarter decline was made possible only because of a modest rise in business inventories--actually a sign of weakness, rather than strength. Inventories were already excessive in relation to sales, and the excess merely became worse. As businesses worked to lower inventories, production was cut, workers were laid off, and income fell. As a result, average economic activity for 1982 is expected to show a decline of 1.5 percent from the 1981 level.

Due to continuing uncertainty over the strength of the recovery, business fixed investment will decline another 6 percent in 1983, recovering only in 1984. The net effect of these stimuli will be a recovery in GNP growth of 3.2 percent in 1983, which is weak by historical standards.

Although some may see 3.2 percent growth in 1983 as optimistic given the present stall in the recovery, it is the result of quarterly growth at 3 to 5 percent annual growth rates in the third and fourth quarters of 1983. These recovery rates are considerably milder than the 10 and 9 percent annual rates observed for respective quarters in the 1971 and 1976 recoveries.

Inflation in 1982 will probably be 6 percent or less, considerably lower than the 13+ percent of three years ago. Current evidence points to an even lower rate for 1983. Of greater importance is the continued steady decline in interest rates.

High interest rates are correctly cited as a major factor in retarding the recovery, both in timing and in strength. Several factors lead to the recent decline in interest rates--the most important of which is the concern of the Federal Reserve Board for the aborted recovery. This concern is expected to result in money growth rates of 5.6 percent and 6 percent respectively for 1983 and 1984. These rates are above the Federal Reserve target band of 2.5 and 5.5 percent per year, but not by a wide enough margin to stoke the latent fears in financial markets that authorities will "monetize" the federal deficits.

The Federal Reserve does not appear to have been swayed from its declared mission to control inflation. Rather the central bank seems to have accepted a limited risk of an increase in inflation at some time in the relatively distant future for the sake of a significant improvement in near term economic growth. If so, then short-term interest rates should gradually decline next year, with occasional moderate backups. And as inflation **expectations** continue to decrease, long term rates should follow.

The Key to Recovery

Most economists are counting on a revival in consumer spending to bring the 1981-82 recession to an end. But so far, the consumer has been reluctant to cooperate. Consumer spending during the third quarter of 1982, after adjusting for inflation, was less than 1 percent above the previous year. Expectations of steadily improving short term interest rates and real income gains due to lower inflation will stimulate consumer demand. Durable goods consumption and housing investment, following sharp drops in 1982, are projected to expand by 8 and 29 percent respectively in 1983.

Certainly, much has happened to encourage consumers. Federal income-tax rates were cut twice in nine months. The inflation rate is less than half what it was several years ago. Interest rates are coming down. Households have paid off considerable installment debt. And those that own corporate stock have seen its value rise substantially in recent months.

Inlight of these recent events, why isn't the consumer buying? -- the reason in one word is expectations. The rising unemployment rate casts a long shadow over expectations for recovery. With future conditions so uncertain, most consumers remain conservative--prefering to continue to payoff rather than increase installment debt and saving or investing as a hedge against an uncertain future. If consumers do not buy, business has no market. If consumers do hold the key to economic recovery, what will break this stalemate?

A large part of the answer is interest rates. Government, business, and the consumer are all heavily leveraged. High interest rates raise everyones costs and significantly reduce the consumers buying power. If interest rates continue to fall consumers will come back into the market? The odds for a successful recovery will go down with every point rise in the interest rate.

If labor and management can work together to contain costs and improve productivity, inflation should remain low. With lower inflation and lower **expected** inflation rates, interest rates should continue to decline. Long run success depends on capital investments which maximize productivity and lower costs, and wage settlements that do not wipe out these gains. Low investment in capital improvements in this era of rapidly expanding industrial technology and/or exaggerated wage demands will work to bring back two digit inflation and soaring interest rates.

If these conditions hold, three years of extremely subpar buying of durable goods could easily be followed by a most impressive recovery as consumers unleash what must be a very large backlog of demand. Three years ago, more than 17 percent of total after tax income was devoted to payments on installment debt. The ratio recently fell below 15 percent--the lowest in more than a decade. At today's level of income, each percentage point represents more than $25 billion in potential borrowing--and spending--power. All in all, the stage is set for what could eventually become a strong recovery in consumer spending.

Conclusion

The process of cooling the inflation rate has proceeded rapidly, and several key indicators--commodity prices, asset values, interest rates, and the dollar's exchange rate, for example--now largely reflect the current low inflation outlook. More importantly, expectations of inflation by labor and management have been revised downward and are now much more consistent with what is likely to be the overall inflation rate--less than 5 percent--in 1983. However, with expansionary monetary and fiscal policy (as measured by the federal deficit) what kind of recovery is on the horizon?

The past two business cycles, extending from the trough of the 1973-1975 recession to the current period, have been accompanied by much more than the normal cyclical amount of volatility in such variables as inflation, interest rates, exchange rates, asset prices, commodity prices, and unemployment. These new economic times have clearly affected the way Americans behave. For example, substantially more attention and resources are now devoted to managing financial and other risk--or volatility--than was true in earlier periods.

Developments since 1975 have also raised questions about the will of the U.S. Government to create an environment of low and stable inflation and interest rates essential to sustaining long term economic growth. Long-term money growth rates have varied enormously during 1975-1982--from levels consistent with 5 percent inflation at the beginning and end of the period, to rates consistent with about 10 percent inflation toward the middle of the interval., By comparison, fiscal policy in terms of the deficit has been continuously expansionary over the entire period. This fiscal expansion, however, has been less a matter of public policy than of the vagaries of (1) open ended spending programs that are highly sensitive to the realized rate of inflation, and (2) a tax structure in which both the tax base and the tax rates applied to this base largely depend on realized inflation. These experiences raise the question of whether monetary and fiscal policies will be more stable in the coming recovery.

There is some room for optimism that policies will be more stable and less inflationary in the coming recovery than they have been in recent years. With respect to monetary policy, both Washington and the marketplace have learned much from the 1975-1982 experience and seem determined not to repeat it. A sustained shift to a more inflationary monetary policy would trigger an immediate rise in commodity prices, interest rates, and real asset prices, while reducing equity prices and the exchange value of the dollar. Given the experience of the past two or three years, the market will act quickly to incorporate new expectations into current behavior. Thus, the temporary gains normally associated with quick fix inflationary monetary policy would be even more temporary, and the incentive for policymakers to follow such a policy has accordingly been reduced.

As for fiscal policy, the prospects for regaining control of federal deficits can be viewed with cautious optimism. Lower and more stable inflation and interest rates will help, by improving Washington's ability to achieve taxing and spending objectives. A strong and sustained recovery will also contribute to a healthier balance between federal spending and receipts. Nevertheless, large deficits will continue until the executive and legislative branches can come to terms on some combination of measures to reduce spending significantly and generate greater tax revenue. If they do, and if monetary policy does not cave in to short run pressures to reflate, the economy will recover.

ALABAMA OUTLOOK

Three years of continuous recession have dealt the Alabama economy double blows. Not only have recessionary pressures brought growth in the state's economy to a halt, but also a number of promising trends that emerged in the Alabama economy during the 1970s have been reversed. Real growth in Alabama Gross State Product, the broadest measure of economic well-being, has been negative during the three years after 1979. Although real growth in Gross National Product has averaged zero during the past three years, no growth becomes attractive when the alternative is economic decline. The performance of the Alabama economy in comparison to the nation's during the past three years represents an about-face in the relationship between the state and national economies from that of the early 1970s when the Alabama economy was growing substantially faster than the nation's. Similarly other measures within the state's economy, notably the unemployment rate and personal income, have experienced turnabouts in favorable trends as a result of the recession.

The unemployment rate is one gauge of the damage done to the state's economy. During most of 1982 unemployment in Alabama was the second highest in the nation, behind only auto industry-reliant Michigan. Other visible evidence of the recession is found in plant closings, production cutbacks and layoffs that have become almost commonplace on the Alabama scene, most uncharacteristic for a Sunbelt state.

The industrial structure, or composition, of the Alabama economy with its emphasis on recession-sensitive manufacturing and construction is a frequent scapegoat for the state's economic dilemma. The reputation is largely deserved, but other economic and demographic factors must be considered to fully explain why this recession has driven the Alabama economy to such depths. The reasons behind Alabama's suffering under this recession and the prospects for recovery within the state's economy form the balance of this discussion.

Alabama and Recession

The Alabama economy grew impressively between 1970 and 1979. Total personal income as one example of economic vitality jumped by 64.2 percent during this period, ranking Alabama nineteenth among all the states. As a result, Alabama's per capita personal income as a ratio of U.S. per capita personal income rose steadily from 73 percent in 1970 to 79 percent in 1979. However, by 1980 a downturn was evident as the Alabama/U.S. per capita personal income ratio fell to 77 percent.

During the 1970s the unemployment rate in Alabama placed consistently below the national average, hovering about the seven percent level. But in 1980 joblessness in the state increased rapidly to 8.8 percent, climbing further in 1981 to 10.7 percent. These rates were considerably above unemployment rates for the nation as a whole during those years of 7.1 percent and 7.6 percent, respectively. Alabama's unemployment during the first nine months of 1982 averaged above fourteen percent, the second highest in the nation, and the preliminary state jobless rate for October was fifteen percent.

Unadjusted total personal income in Alabama increased by only 21.7 percent between 1979 and 1981 while total employment declined by 0.8 percent. On the basis of employment and personal income, Alabama now ranks thirty-fifth in the nation.

Alabama's Industrial Structure

The industrial structure of the Alabama economy holds the key to the puzzle of the severity of the recession within the state. Relatively speaking, Alabama relies heavily on sectors of the economy that are particularly sensitive to the high interest rates and tight monetary policies that have characterized this recession.

In 1979 contract construction accounted for 4.7 percent of total U.S. employment, while 22.0 percent of the work force was engaged in manufacturing. By comparison, in Alabama 5.1 percent of all jobs in 1979 were in contract construction and 25.3 percent in manufacturing. Within manufacturing, the primary metals industry accounted for 1.3 percent of all jobs in the U.S., compared to 5.1 percent of all Alabama jobs. Nationally the textile and apparel industries, which have not fared well in recent years, employed 2.7 percent of all workers in 1979; in

Alabama the share of employment by the textile and apparel industries was 4.8 percent.

Certain segments of the economy have been dealt staggering blows by the current recession. High interest rates have all but wiped out demand for new cars and other consumer durables, and have crippled the housing industry. Intensified foreign competition has hurt U.S. automobile, steel and textile industries.

One result of the recession has been the worst sales slump for U.S. automakers since the Great Depression. Alabama's once-thriving aluminum and steel industries have suffered as a consequence. Primary metals employment in Alabama dropped by 16.9 percent from 1979 to 1981. In the summer of 1982 the United States Steel plant in Fairfield was shut down completely. Contract construction in Alabama declined by 13.8 percent from 1979 to 1981. In addition to the steel industry, the textile and apparel industries have been plagued by import problems--the result of both changing comparative advantages and unfair trade practices by foreign manufacturers.

Alabama's rural economy compounds the suffering. Farming in Alabama in 1980 accounted for 5.8 percent of total employment, compared to 3.9 percent for the U.S. as a whole. The past two years have been extremely hard for the nation's farmers. Oversupply and weak demand, high interest rates, and high costs have combined to beat the farmer at every turn. Personal income from Alabama farms in 1980 was 39.7 percent less than the 1979 level. While up slightly in 1981, farm income was still only 90 percent of what it was in 1979.

Demographic Influences

The age and racial composition of Alabamians have further influenced the state's level of unemployment. Unemployment among minority populations and teenagers historically has run above the overall unemployment rate, and Alabama has concentrations of both groups above national averages. In 1980 the black population accounted for 25.6 percent of all Alabamians, more than twice the U.S. proportion of 11.7 percent. Alabama ranks sixth in the nation in terms of black population proportion. Teenagers make up a slightly larger share of the Alabama population than for the nation as a whole. In 1980 teenagers comprised 9.7 percent of the total Alabama population, compared to 9.3 percent for the U.S., ranking the state fourteenth in teenage population concentration. A breakdown of Alabama's 1980 unemployment rate of 8.8 percent shows joblessness among whites was 6.5 percent, among blacks the rate was 15.7 percent, and teenagers marked 22.9 percent. A breakdown of 1981's 10.7 percent unemployment rate shows a jobless rate of 7.5 percent for whites, 21.3 percent for blacks, and 27.0 percent for teenagers.

Outlook for Recovery

The effects of the recession were apparent in the Alabama economy as early as 1979, although the recession did not dominate the national economy until 1980. The state and national economies are inseparable; recovery cannot occur in the Alabama economy until recovery is evident in the national economy. But once recovery is under way a return to the trends of the 1970s is anticipated, and the Alabama economy should again grow at an above-average pace.

The national economic rebound is now forecast to begin in the last quarter of 1982. Reductions in interest rates should spur consumer purchases of houses, automobiles and other durables, thus providing great benefits to the state's ailing primary metals and contract construction industries. The recent conclusion of an import limitation agreement with the European community, which contains special stipulations for pipe and tube products, should stimulate the Alabama steel industry. (United States Steel's new $650 million pipe mill in Birmingham is to open in 1983.) And Alabama farmers should be encouraged by the Reagan Administration's farm export policy. About 4.5 percent of Alabama Gross State Product is derived from farming.

The Alabama Econometric Model, developed and maintained by the Center for Business and Economic Research, is designed to mathematically capture the interrelationships among key economic measures such as industrial output, employment, personal income and tax revenues. As the direction of the state's economy is determined by the national economy, so are national forecasts used to "drive" the state model. The Alabama Econometric Model uses the model by Wharton Economic Forecasting Associates for its national input.

The most recent forecast by the Alabama Econometric Model was produced in late November 1982. The forecast period spans 1981 through 1991. The current forecast calls for Gross State

Product, Alabama per capita income, and manufacturing wage rates to increase at rates above national averages after
the recovery has begun. Unemployment will cloud an otherwise bright horizon. Joblessness in Alabama should remain above ten percent for most of the 1980s, well above the national unemployment rate which is projected to average near seven percent. Other highlights from the forecast follow:

Gross State Product. Gross Product, often defined as the total dollar value of all goods and services produced in an economy, is generally considered the broadest measure of economic well-being. Data from the model bear out the fact that Alabama has indeed fared worse than the nation during the recession. Gross State Product during the three-year period 1980 through 1982 averaged annual growth of 5.7 percent while the nation averaged 8.6 percent. These growth figures are somewhat deceptive because they do not consider the effects of inflation. Adjusted for inflation, Alabama Gross State Product declined during the three years, falling an average 2.3 percent annually. Correspondingly, Gross National Product averaged zero real growth during the three-year period.

The five years 1983 through 1987 should see a return of the trend toward more rapid growth in the Alabama economy over the national economy as shown in Figure 0-1. Gross State Product is forecasted to grow an average of 11.5 percent annually during the period, compared to a projected annual average 10.0 percent growth for Gross National Product. Adjusted for inflation, Alabama Gross State Product is projected to average 5.0 percent growth annually during the five-year period, compared to an average growth rate of 4.5 percent annually for Gross National Product. While all sectors of the economy will share in Gross State Product gains between 1983 and 1991, uneven gains will result in a changing composition of Gross State Product, as seen in Table 0-1.

In 1978 per capita Gross State Product was more than 77.5 percent of per capita Gross National Product. This ratio slipped steadily during the recession and is expected to bottom out at near 72.0 percent in 1983. A return to the 1978 ratio is not expected until 1988 as Figure 0-2 indicates.

Employment. Alabama experienced three successive years of declines in total employment beginning in 1980. Total employment is projected to increase in 1983 although the 1979 level of employment is not expected to be exceeded until 1984. Figure 0-3 details the paths of total employment growth in Alabama and the United States.

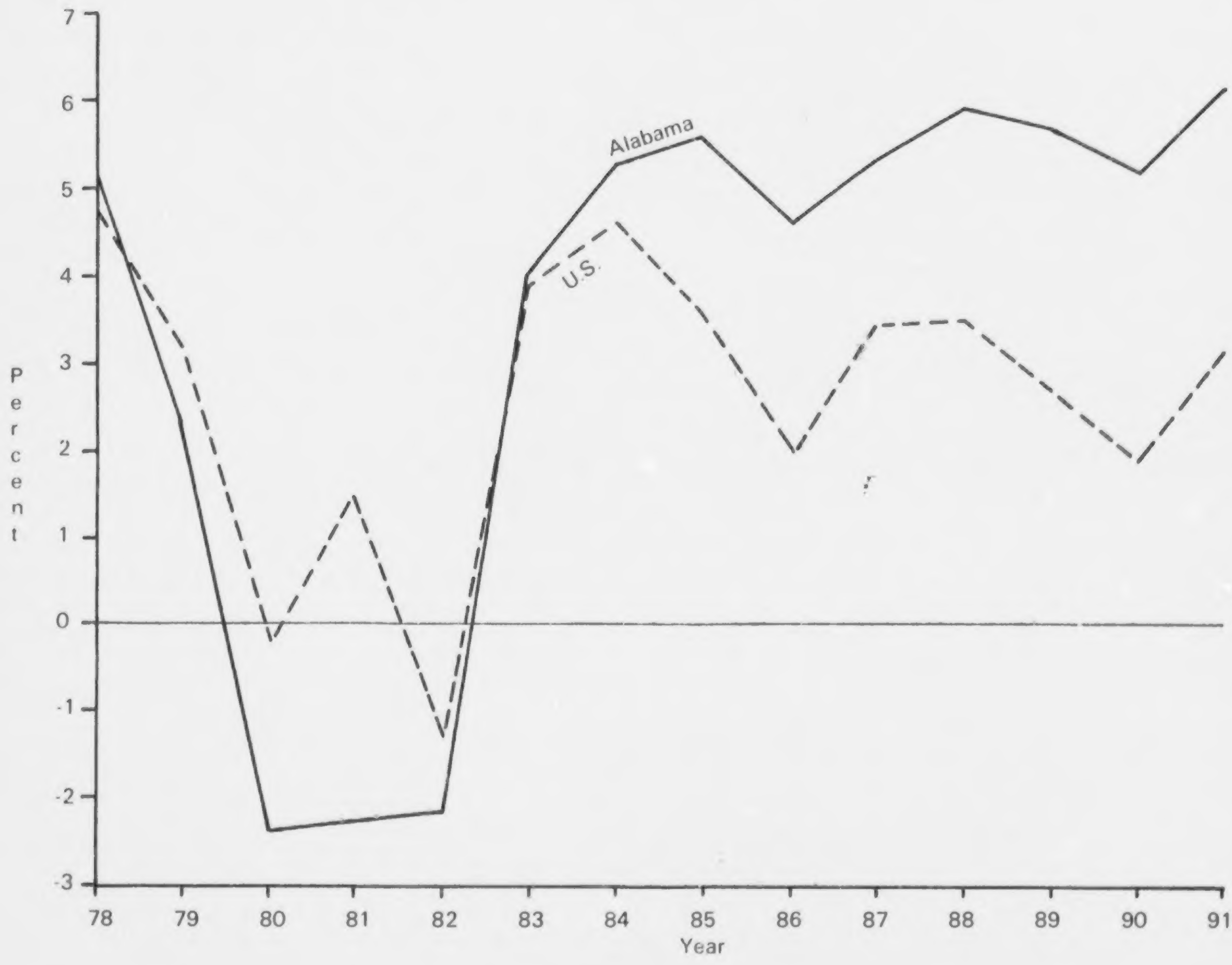
Unemployment in Alabama is projected to remain higher than the national average through 1991, as seen in Figure 0-4. An unemployment rate of at least ten percent is projected to be a chronic problem for Alabama. A jobless rate of less than ten percent is not anticipated until 1988. By 1991 unemployment in the state is projected at about 8.4 percent, which compares to a national rate of 6.5 percent for 1991.

Employment by Sector. Shifts are anticipated in the shares of jobs among the state's industries, reflecting a slowly maturing economy. Both durable and nondurable goods manufacturing are projected to lose employment shares in the next ten years. Wholesale and retail trade, government, and finance, insurance and real estate sectors should post gains in employment share over the next ten years. Services employment has been affected by the recession, increasing in share of employment as other sectors lost jobs during the recession years of 1980-1982. The share of services employment is anticipated to decline in the coming years as Alabama manufacturing regains momentum. Farming employment, now about 1.3 percent of Alabama employment, is anticipated to decline steadily in the coming years, accounting for less than 0.9 percent of wage and salary employment by 1991. Table 0-2 identifies these changes.

Personal Income. Higher than average personal income growth in Alabama was another promising trend from the 1970s that was stifled by the recession. While Figure 0-5 shows that total personal income growth rates in Alabama are expected to exceed those in the United States during each of the forecast years, this trend for per capita income is not projected to resume until 1985. In 1978, Alabama per capita personal income stood at 80 percent of the national average. The following year a period of decline in the ratio began, and this decline is not anticipated to bottom out until 1984 when Alabama per capita personal income is to be 76.8 percent of the national figure. The 1978 per capita personal income ratio is not expected to be matched until 1988. Figure 0-6 depicts this ratio.

Figure 0-1

Real U.S. Gross National Product and Alabama Gross State Product Growth Rates, 1978-1991
(Percent of 1972 Dollars)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
US	4.8	3.2	-.2	1.5	-1.3	3.9	4.6	3.6	2.0	3.4	3.5	2.7	1.9	3.1
AL	5.1	2.3	-2.4	-2.3	-2.2	4.0	5.3	5.6	4.6	5.3	5.9	5.7	5.2	6.1

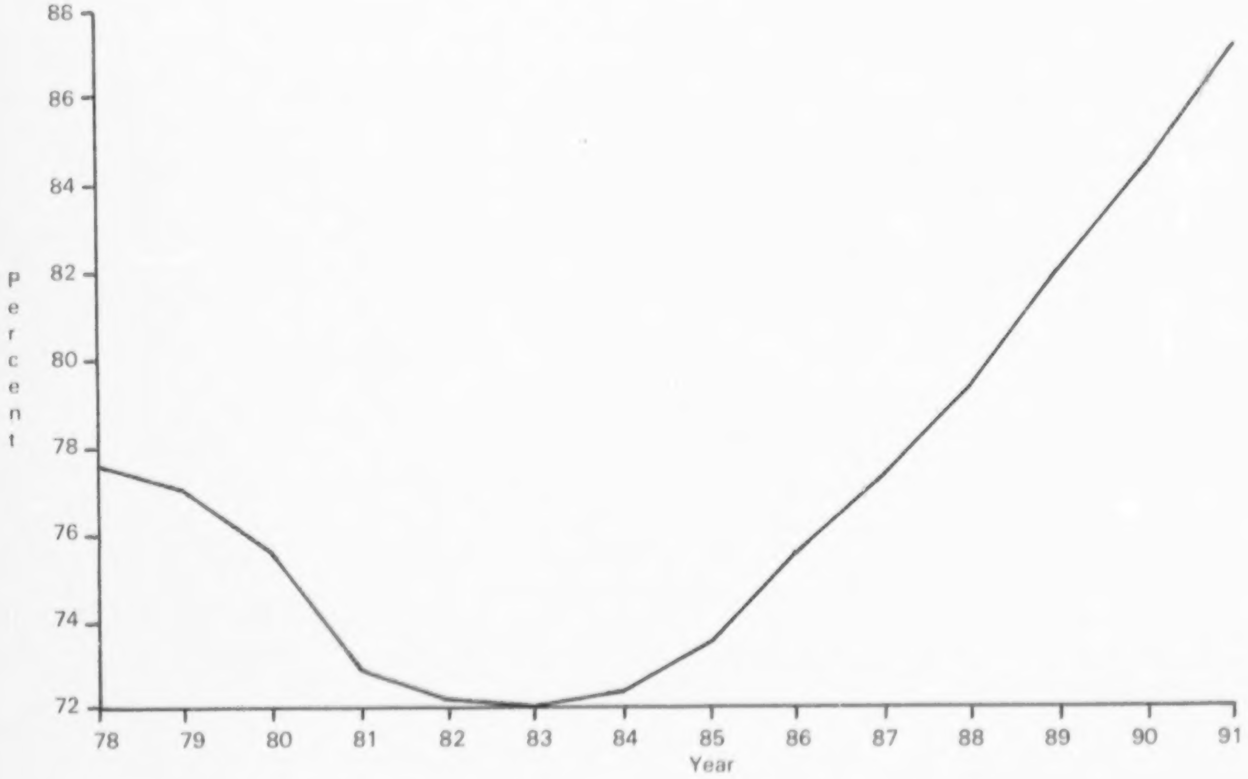
Table 0-1

Alabama Real Gross State Product by Sector, 1979-1991

Sector	1979		1983			1991		
	Real GSP	% of Total	Real GSP	% of Total	% Change from 1979	Real GSP	% of Total	% Change from 1983
Alabama Total	19.685	100.0	19.101	100.0	-3.0	29.196	100.0	52.8
Manufacturing	5.949	30.2	5.152	27.0	-13.4	7.566	25.9	46.8
Mining	.320	1.6	.333	1.7	4.1	.720	2.5	116.2
Construction	.778	4.0	.563	2.9	-27.6	1.698	5.8	201.6
Trade	3.054	15.5	3.124	16.4	2.3	4.536	15.5	45.2
Services	1.831	9.3	1.876	9.8	2.4	2.317	7.9	23.5
FIRE	2.405	12.2	2.607	13.6	8.4	4.785	16.4	83.5
TCU	1.868	9.5	1.925	10.1	3.0	3.172	10.9	64.8
Government	2.887	14.7	3.051	16.0	5.7	3.927	13.4	28.7
Farming	.593	3.0	.469	2.4	-20.9	.476	1.6	1.5

Figure 0-2

Alabama Per Capita Gross State Product as a Percentage of U.S. Per Capita Gross National Product, 1978-1991
(Percent of 1972 Dollars)

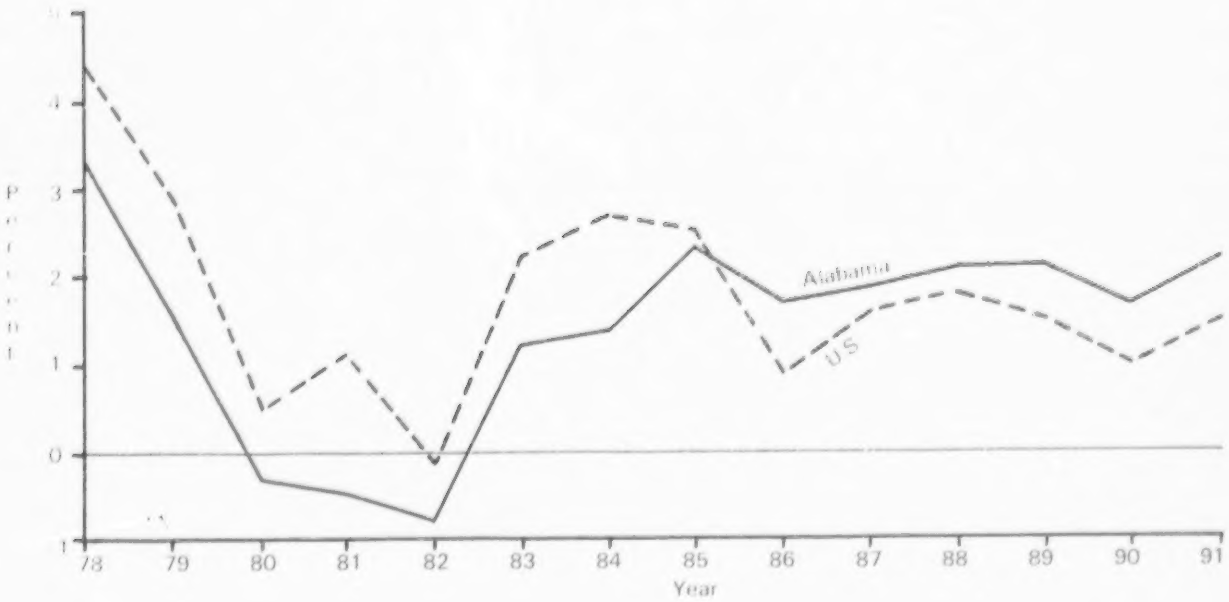


Data Points

78	79	80	81	82	83	84	85	86	87	88	89	90	91
77.6	77.0	75.6	72.8	72.1	72.0	72.3	73.4	75.5	77.3	79.4	82.0	84.4	87.1

Figure 0 - 3

U.S. and Alabama Total Employment Growth Rates, 1978-1991
(Percent)

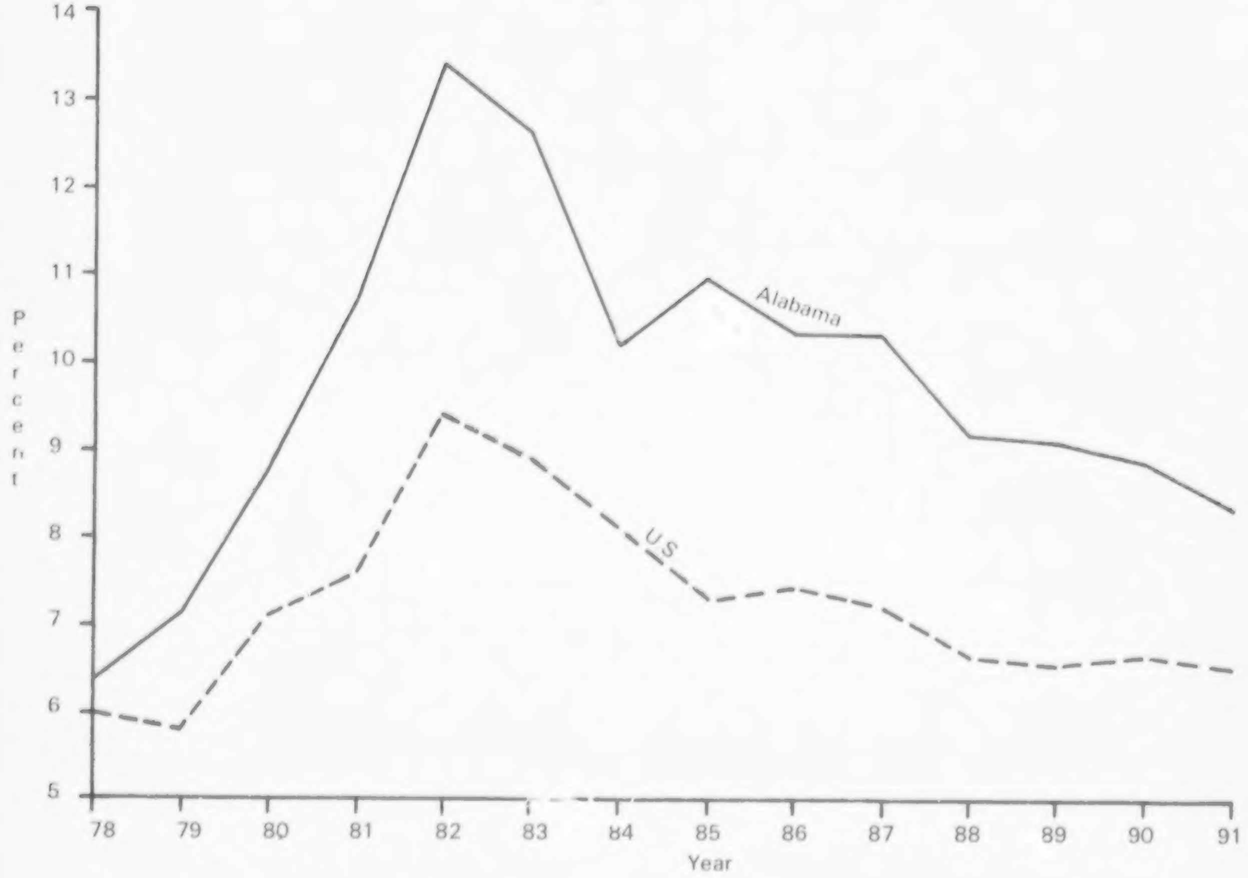


Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL	3.3	1.6	-.3	-.5	-.8	1.2	1.4	2.3	1.7	1.9	2.1	2.1	1.7	2.2
US	4.4	2.9	.5	1.1	-.1	2.2	2.7	2.5	.9	1.6	1.8	1.5	1.0	1.5

Figure 0-4

Unemployment Rates for Alabama and the United States, 1978-1991
(Percent)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
U.S	6.00	5.80	7.10	7.60	9.41	8.90	8.10	7.30	7.45	7.21	6.67	6.57	6.69	6.52
AL	6.38	7.13	8.78	10.69	13.39	12.62	10.29	10.99	10.31	10.30	9.18	9.10	8.84	8.36

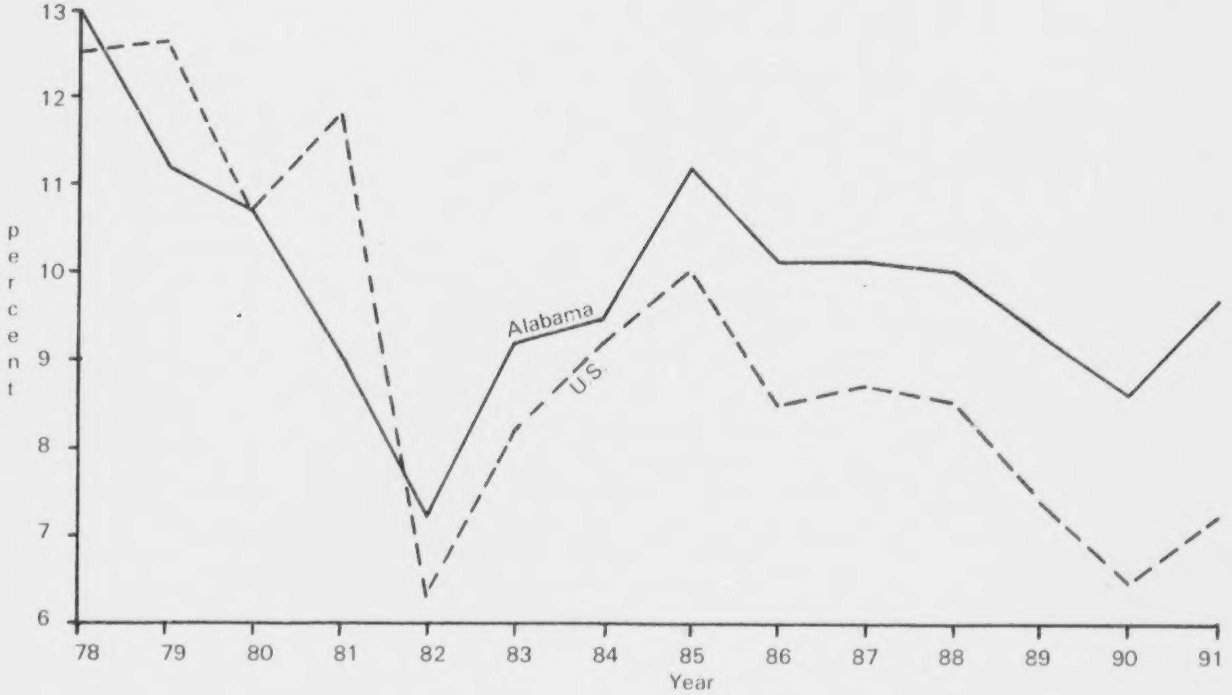
Table 0-2

Alabama Employment by Sector, 1979-1991

Sector	1979		1983			1991		
	Number Employed	% of Total	Number Employed	% of Total	% Change from 1979	Number Employed	% of Total	% Change from 1983
Total Employment	1,677,904	100.0	1,670,124	100.0	-0.5	1,946,961	100.0	16.6
Proprietors	176,006	10.5	172,406	10.3	-2.0	198,664	10.2	15.2
Wage & Salary	1,501,898	89.5	1,497,622	89.7	-0.3	1,748,383	89.8	16.7
Manufacturing	375,605	22.4	340,375	20.4	-9.4	372,080	19.1	9.3
Mining	16,652	1.0	16,672	1.0	0.1	17,442	0.9	4.6
Construction	75,260	4.5	63,694	3.8	-15.4	101,104	5.2	58.7
Trade	275,795	16.4	292,176	17.5	5.9	371,117	19.1	27.0
Services	256,188	15.3	268,354	16.1	4.7	276,779	14.2	3.1
FIRE	58,540	3.5	61,197	3.7	4.5	84,323	4.3	37.8
TCU	71,683	4.3	74,530	4.5	4.0	90,136	4.6	20.9
Government	342,913	13.7	351,822	14.0	2.6	407,478	14.6	15.8
Farming	23,109	1.4	21,330	1.3	-7.7	17,430	0.9	-18.3

Figure 0-5

U.S. and Alabama Total Personal Income Growth Rates
1978-1991
(Percent of Current Dollars)

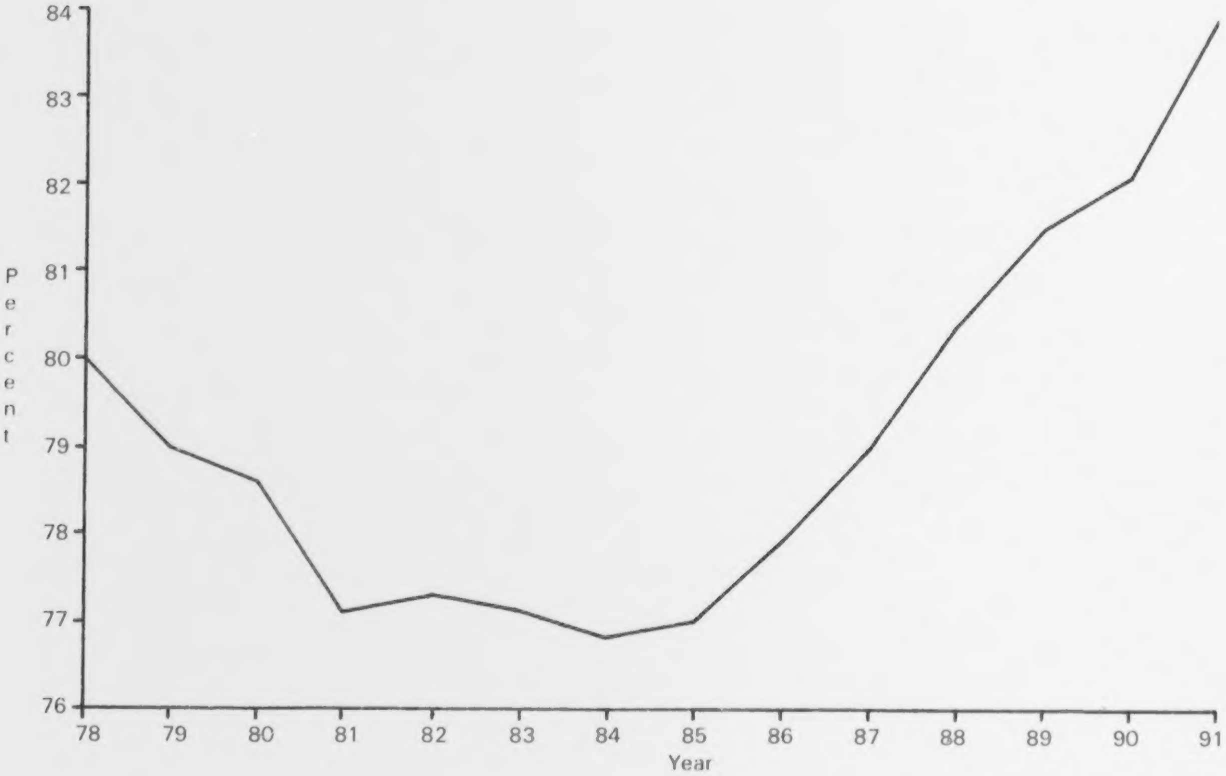


Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL	13.0	11.2	10.7	9.0	7.2	9.2	9.5	11.2	10.1	10.1	10.0	9.3	8.6	9.7
US	12.5	12.6	10.7	11.8	6.3	8.2	9.2	10.0	8.5	8.7	8.5	7.4	6.5	7.2

Figure 0-6

Alabama Per Capita Income as a Percentage of U.S. Per Capita Income
1978-1991
(Percent of Current Dollars)



Data Points

78	79	80	81	82	83	84	85	86	87	88	89	90	91
.800	.790	.786	.771	.773	.771	.768	.770	.779	.790	.804	.815	.821	.839

Manufacturing Wage Rates. Alabama manufacturing wages are forecasted to increase at rates above national averages through 1991 after fluctuating around national growth rates during the recession years. The state's historically lower wage rates have often been used to attract industry. In spite of the closing gap between Alabama and national wage rates, the state is projected to retain a comparative edge throughout the forecast period, with average annual wages for the Alabama worker expected to be near 90 percent of the national average in 1991 for both durable and nondurable goods employment.

Retail Trade. Retail trade in Alabama took a beating during the recession years 1980 through 1982 but should rebound rapidly during the years of recovery. Alabama retail sales increased by an average 3.8 percent annually for the three recession years. After adjusting for inflation, however, the real value of retail sales in Alabama fell each year. The average annual decline in retail sales amounted to 3.7 percent with 1980 being the worst of the three years when a decline of 8.1 percent in real retail sales was seen.

The retail trade sector in Alabama should witness marked improvement beginning in 1983. Growth in retail sales should average 12.3 percent annually for the five-year period beginning in 1983. Prospects of rapid growth dim somewhat after adjusting for inflation, but the retail trade sector should remain robust, increasing more rapidly than real Gross State Product. The outlook calls for average annual growth of 6.0 percent in real retail sales for the period 1983 through 1987.

The effects of recession are most apparent in the breakdown of total sales by category. The general merchandise and food categories accounted for an increased share of total sales over durable goods categories, particularly automotive, during 1980-1982. A marked increase in the share of sales by the automotive category is not anticipated until 1984 but should continue to gain strongly through 1991. Automotive sales are projected to claim the top spot in retail sales share from the food sales category by 1987 and continue to dominate retail sales through 1991. Another indication of recovery in the economy is reflected in an increased share of retail dollars spent in the lumber category over the forecast period, indicating renewed construction activity.

State Tax Revenues. Total Alabama tax revenues have shown widely fluctuating growth patterns in recent years. Revenues in 1980 increased by 7.0 percent, down from the 10.6 percent growth seen in 1979. However, in 1981 revenues spurted up 12.2 percent, buoyed by oil lease revenue and a change in reporting of income tax withholding. Revenues increased by only 4.8 percent in 1982--due in part to the reporting change.

Stable growth at ten to twelve percent per year is expected to return in 1983. Annual average growth in state tax revenues is forecast at 11.8 percent for the years 1983 through 1991. Total tax revenue is forecast to amount to $2.45 billion in 1983, increasing to $3.86 billion in 1987 and to $6.08 billion in 1991.

Among the major state tax sectors, the individual income tax is projected to increase most rapidly during 1983 through 1991, averaging growth of 15.7 percent annually. The corporate income tax is second in growth over the nine-year period, projected to increase an average 14.0 percent annually. The state gasoline tax is forecast to grow least rapidly among the major tax revenues, averaging 2.3 percent growth annually during 1983-1991. Projected growth rates for total tax revenues and for the two largest tax sectors, individual income and sales taxes are identified in Figure 0-7.

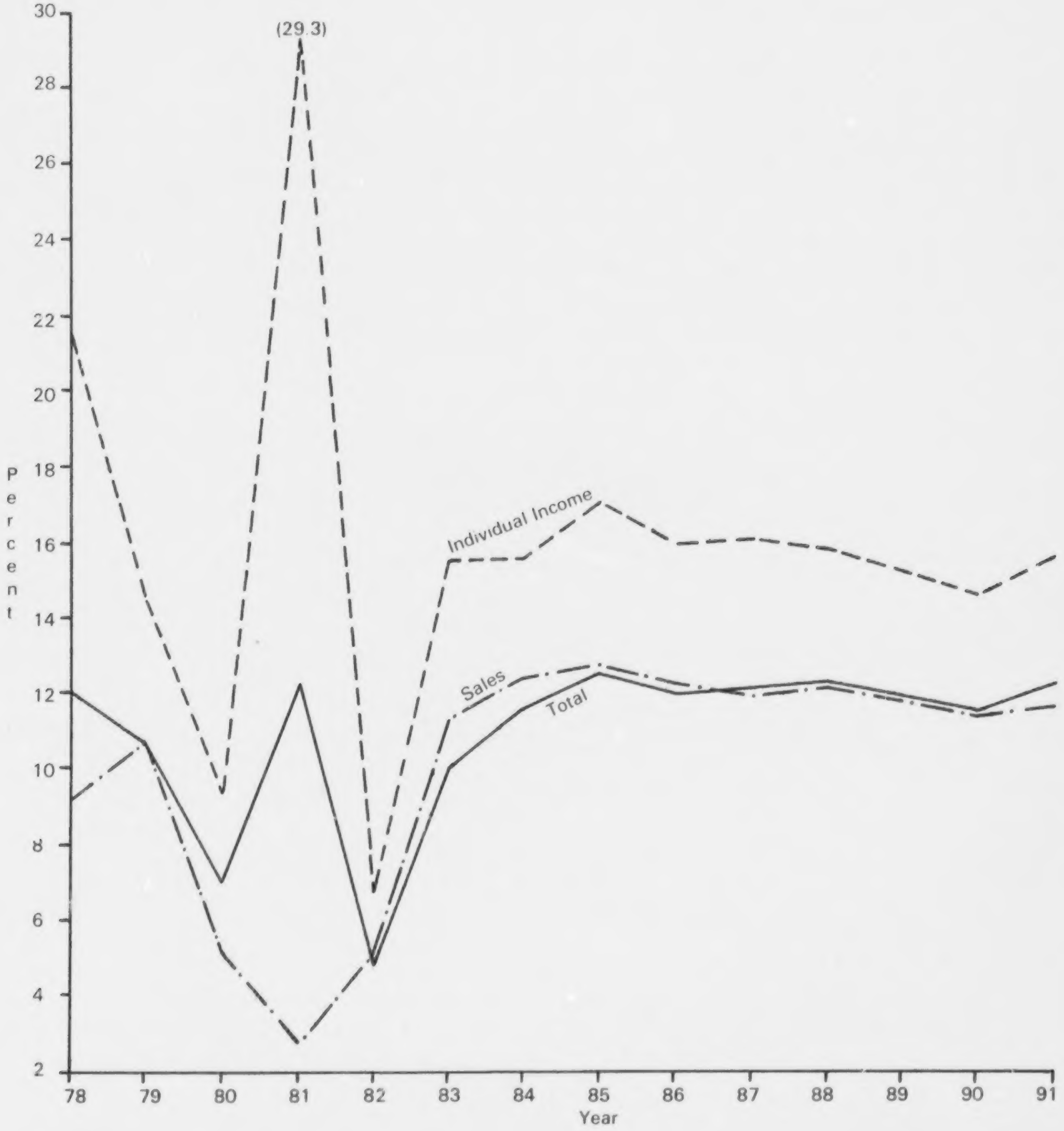
A shift by state government to greater reliance on the individual income tax is anticipated during 1983-1991, as shown in Table 0-3. In 1983 revenue from the individual income tax is projected at $636.9 million, 26.0 percent of total state tax collections. By 1987 the individual income tax, at a level of $1,160.0 million, is projected to account for 30.0 percent of tax revenues. By 1991 revenue from the individual income tax should surpass $2 billion and account for 33.8 percent of total state tax collections.

MANUFACTURING: VULNERABLE AND DECLINING BUT STILL THE CORE OF THE ECONOMY

Alabama's economy has changed significantly since 1958 when the manufacturing and government sectors each contributed close to 22 percent of the real value of goods and services produced in the state (real GSP). Industralization progressed during the decade of the 1960s. By

Figure 0-7

Alabama Total, Individual Income, and Sales Tax Growth Rates, 1978-1991
(Percent of Current Dollars)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL Total	12.0	10.6	7.0	12.2	4.8	10.0	11.6	12.5	12.0	12.1	12.3	11.9	11.5	12.2
AL Sales	9.2	10.6	5.1	2.8	5.0	11.3	12.3	12.7	12.2	11.9	12.1	11.8	11.4	11.7
AL Income	21.5	14.5	9.3	29.3	6.7	15.4	15.5	17.1	16.0	16.1	15.9	15.2	14.6	15.7

Table 0-3

Alabama Tax Collections by Sector, 1979-1991
(Millions of Current Dollars)

Tax Sector	1979		1983		1991	
	Revenue	% of Total	Revenue	% of Total	Revenue	% of Total
Total	1769.364	100.0	2450.000	100.00	6078.962	100.0
Individual Income	365.909	20.2	636.859	26.0	2054.301	33.8
Corporate Income	88.578	5.0	107.983	4.4	293.179	4.8
Sales	491.684	27.8	620.764	25.3	1538.875	25.3
Use	55.618	3.1	74.711	3.0	198.297	3.3
Utility	93.962	5.3	110.968	4.5	275.879	4.5
Gasoline	147.396	8.3	216.183	8.8	247.589	4.1
Other	526.217	29.7	682.634	27.9	1470.669	24.2

1979, manufacturing generated 30.2 percent of Alabama real GSP; government just 14.7 percent. While durable goods accounted for more than half of Alabama real GSP manufacturing output during the decade of the 1960s, nondurable goods gained control in 1970 and have continued to hold the largest share of the state's manufacturing output.

As Alabama's economy developed during the 1960s and 1970s, the state's industrial base became more diversified and balanced, a condition that would be expected to lead to greater economic stability. In the durable goods sector, Alabama moved away from the undercapitalized primary metals industry into lumber, furniture, electrical machinery, and transportation equipment; while in nondurable manufacturing, apparel, paper, chemicals, and rubber and plastics became increasingly important. These industries drew on the state's abundant natural resources, often paid high wages, and provided substantial economic growth during the 1970s.

Why, then, has Alabama's manufacturing become so vulnerable to decline? An examination of the recent economic past may provide some clues. And, looking to the future, economic forecasts project changes in the overall importance as well as the composition of the manufacturing sector during the decade of the 1980s.

Trends in Manufacturing Sector, 1978-1981

The importance of the manufacturing sector to the Alabama economy reached a peak in 1979. In that year manufacturing contributed $5.95 billion constant 1972 dollars to a gross state product of $19.68 billion, for 30.2 percent of the total. Nondurables accounted for 15.4 percent of real GSP, while durables claimed 14.8 percent. Manufacturing was also the largest employer, counting 375,605 workers, or 22.4 percent of all those employed in the state. Of these, 50.2 percent were employed in the nondurable goods manufacturing sector and 49.8 percent in durable manufacturing.

Wage rates, generally highest among the durable goods industries, grew more rapidly in Alabama during 1978-79 than in the United States for both sectors. In 1979, nondurable manufacturing contributed 8.6 percent of Alabama total personal income, measured in current dollars, while durable manufacturing accounted for 10.3 percent, for a manufacturing total of 18.9 percent. The only negative indicator for manufacturing in 1979 was a 2.2 percent decline in productivity in durable goods manufacturing from 1978 to 1979.

However, the recession which began in 1980 sparked a slide in Alabama's manufacturing economy which was reflected in all economic measures of this sector. During the two-year period from 1980 through 1981, real output in manufacturing fell by 7.5 percent. Most of the decline was attributable to the vulnerable durable goods sector, where real output plummetted 13.0 percent over two years. These losses were led by the lumber, primary metals, and transportation equipment industries. During 1980-81, real output in nondurable manufacturing dropped by a more modest 2.3 percent, with most of the decline spread among textiles, paper, chemicals, and rubber and plastics.

Between 1979 and 1981 the manufacturing sector lost 11,611 jobs, with 11,301 or 97.3 percent in durable goods industries. Seventy percent of durable manufacturing job losses were in primary metals. While current dollar wage rates continued to grow, the rate of growth of Alabama durable and nondurable wages during 1980-81 fell below gains nationwide. A decline of almost one percent in manufacturing's share of total personal income in Alabama from 18.9 percent in 1979 to 17.9 percent in 1981 was almost entirely attributable to the durable goods component.

Manufacturing Outlook

The unfortunate economic circumstances of the recent past will strongly influence Alabama's manufacturing sector through the decade of the 1980s. Sharp declines in real output, employment, and income during 1980-81 have forced the state's economy to become more reliant on other economic sectors. While real output in manufacturing should surpass 1979 real output by 1986, employment in manufacturing is not expected to regain its 1979 level during the ten-year forecast period. In fact, a downward trend in manufacturing's share of real output, employment, and total personal income is forecasted through 1991. This will be offset by the increasing importance to the economy of other sectors: notably mining; finance, insurance and real estate; construction; and public utilities.

Based on past and current economic conditions, manufacturing is playing a declining role in Alabama's economy. If Alabama is to revitalize its manufacturing sector and the economy at large, government must intervene. The development of Alabama's business and industrial climate is beyond the scope of this report. However, it is clear that the time has come for Alabama to develop and pursue a comprehensive economic and industrial development plan if it hopes to grow and prosper in the coming decade.

Manufacturing Output

Alabama's manufacturing output, measured in constant 1972 dollars, is expected to bottom out in 1982 at just over $5.0 billion. Steady gains are forecasted beginning in 1983, with real manufacturing GSP expected to top $6.0 billion in 1986, surpassing the $5.9 billion level seen in 1979. By 1991, real manufacturing output should approach $7.6 billion (or $21.3 billion expressed in current dollars). These changes are identified in Figure M-1. Nondurable manufacturing is expected to increase its share of manufacturing output, so that in 1987 it would claim a commanding 55.3 percent. From 1988 through 1991 stabilization of the relationship between the nondurable and durable sectors is predicted, with nondurable manufacturing accounting for 55.2 percent of the value of goods and services produced in manufacturing and durables for 44.8 percent in 1991.

The changing composition of the sources of Alabama's real state product manufacturing output is detailed in Table M-1. Among nondurable goods industries, apparel, printing and publishing, and rubber and plastics are expected to gain in importance during the 1983-91 forecast period. The textile industry's share of output is forecasted to continue to decline significantly, while chemicals and paper may post modest declines. Apparel, paper, and textiles account for more than half of the output in this sector through the forecast period. Primary metals will continue to dominate the durable manufacturing sector, with a fairly stable 14.0 percent of Alabama real GSP in manufacturing between 1983 and 1991 (down from 16.2 percent in 1979). The electrical machinery; stone, clay, and glass; and fabricated metals industries are expected to become increasingly important components of manufacturing in Alabama between 1983 and 1991, while a decline in lumber and transportation equipment industry shares is anticipated.

Alabama's manufacturing economy was much harder hit by the recession of 1980-82 than was the manufacturing sector in the nation as a whole, as shown in Figure M-2. Three consecutive years of decline in real manufacturing output dropped manufacturing's share of Alabama real GSP from 30.2 percent in 1979 to 27.0 percent in 1983. While manufacturing GSP in Alabama is expected to exhibit higher rates of growth than will GNP during 1984-91, the percentage of Alabama real GSP derived from manufacturing is expected to decline from 27.4 percent in 1985 to 25.9 percent in 1991. Dips in manufacturing output growth rates are forecasted for Alabama and the United States in 1985 and 1990, corresponding to cyclical growth pauses anticipated in those years. Despite the sector's weak performance, manufacturing will continue to be a more significant contributor to total real output in Alabama than in the United States, where percentage shares are expected to grow from 22.6 percent in 1982 to 23.5 percent in 1988, then decline to 23.2 percent by 1991.

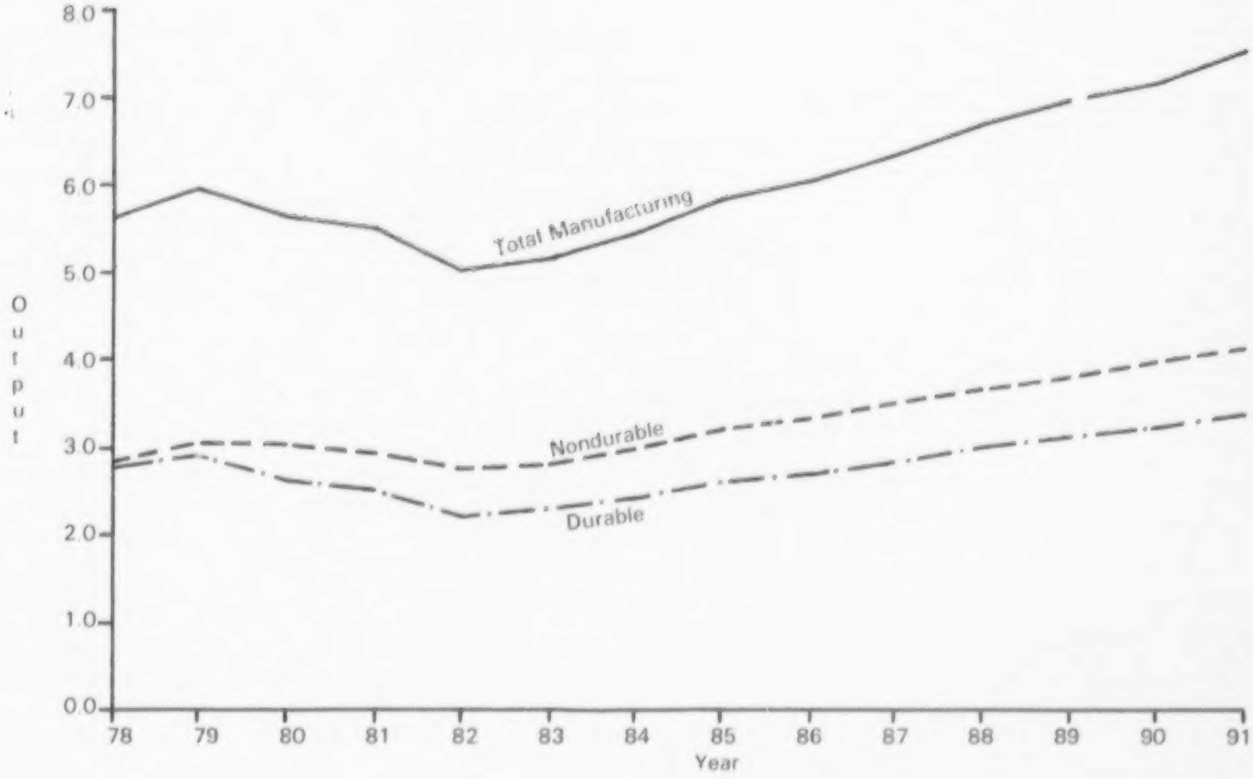
The primary steel industry occupies a special place in the Alabama manufacturing sector. In 1979, the year prior to the current recession, primary metals in Alabama accounted for 12 percent of manufacturing employment. In contrast, the U.S. primary metals industry accounted for only 6 percent of manufacturing employment. Little wonder that a hard hit U.S. steel industry would result in devastating losses to the Alabama economy. Plagued by stiff and often unfair import competition, higher labor costs, and low capital investment and modernization due to inadequate rates of return, the industry now fights to survive.

However, the recently concluded import limitation agreement with the European Economic Community and the construction of a $650 million U.S. Steel pipe mill slated to open in 1983 should work to stabilize the role of the primary metals industry in Alabama. Despite all of the problems associated with the steel industry, Alabama will benefit from an abundance of natural energy resources, good transportation systems and a relatively low labor cost structure. Even with the closing of the aluminum foundry in North Alabama, TVA's competitive electricity rate structure should ensure the long-term status of the aluminum industry in Alabama.

Fluctuations in real output growth rates vary widely among manufacturing industries, as shown in Table M-2. The durable goods sector bore the brunt of declining output during 1979-81, with the rate of decline during 1981-83 expected to be almost twice that of nondurable industries. In particular, real output in lumber and other durables is forecasted to decrease steadily through 1991. Average annual growth rates among other durable goods industries are expected to range from 4.3 percent for transportation equipment to 9.6 percent for electrical

Figure M-1

Alabama Real Manufacturing Output
(Billions of 1972 Dollars)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Total	5.63	5.95	5.66	5.50	5.02	5.15	5.46	5.82	6.06	6.36	6.70	7.00	7.22	7.57
Nondurable	2.85	3.04	3.03	2.97	2.79	2.83	3.00	3.22	3.36	3.51	3.70	3.86	4.00	4.17
Durable	2.78	2.91	2.63	2.53	2.23	2.32	2.45	2.61	2.71	2.84	3.00	3.14	3.22	3.39

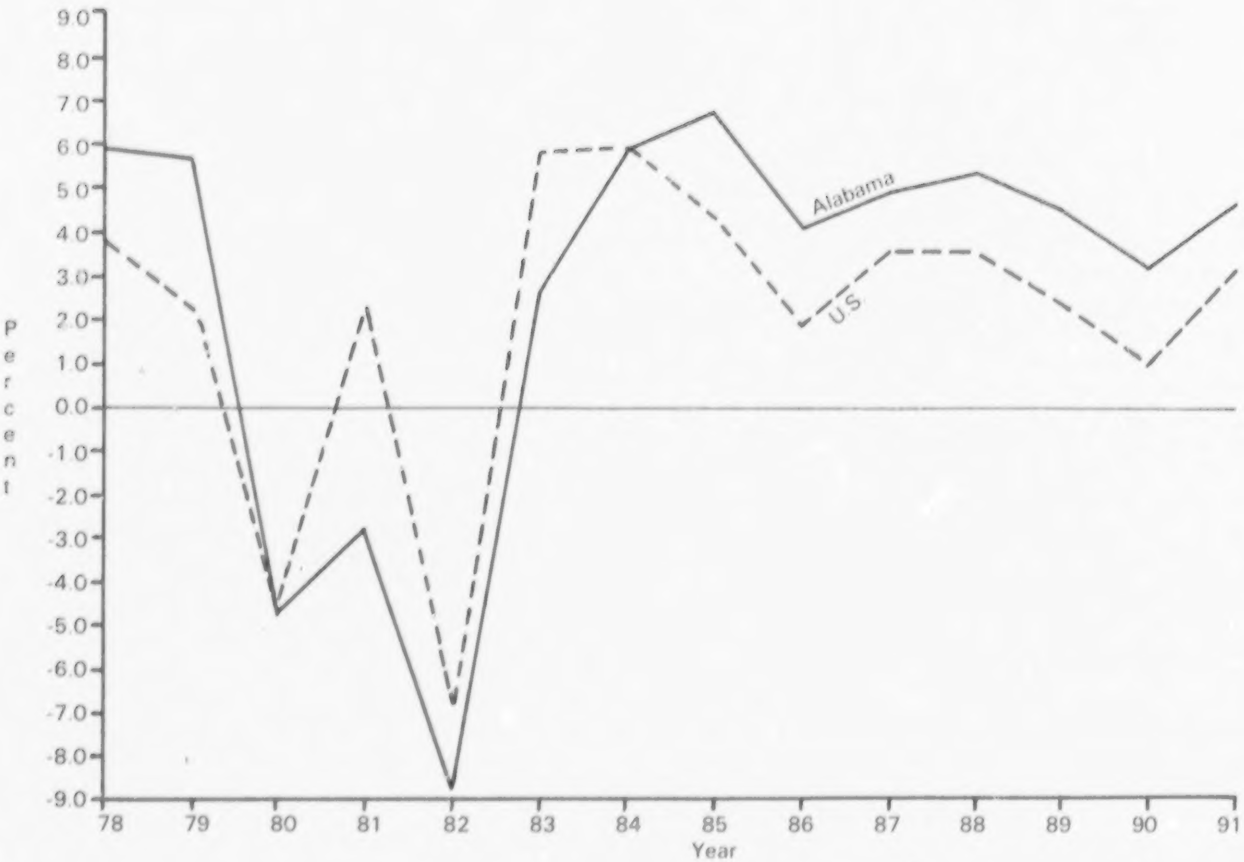
Table M-1

Percentage Distribution of Alabama Real State Product Manufacturing Output, 1979-1991

	1979	1981	1983	1987	1991
Manufacturing	100.0	100.0	100.0	100.0	100.0
Nondurable	51.1	54.0	55.0	55.3	55.2
Food	7.1	8.0	8.9	8.1	7.7
Textile	10.1	10.4	9.5	9.1	8.2
Apparel	8.4	9.5	10.9	11.7	12.8
Paper	9.4	9.2	8.8	8.9	8.7
Printing, Publishing	2.8	3.0	3.2	3.4	3.7
Chemical	6.7	6.9	7.1	7.0	6.7
Rubber, Plastic	5.7	5.7	5.2	5.7	6.1
Other Nondurable	1.0	1.3	1.4	1.3	1.1
Durable	48.9	46.0	45.0	44.7	44.8
Lumber	6.2	5.3	4.4	2.9	1.8
Furniture	1.3	1.4	1.2	1.2	1.3
Primary Metal	16.2	14.0	14.0	14.3	14.1
Fabricated Metal	6.2	6.1	6.0	6.4	6.5
Nonelectrical Machinery	3.8	4.1	4.2	4.2	4.0
Electrical Machinery	4.1	4.7	5.4	6.3	7.6
All Trans Equip	7.0	6.4	5.7	5.5	5.2
Stone, Clay, Glass	2.6	2.6	2.7	3.0	3.6
Other Durable	1.5	1.4	1.4	1.0	0.8

Figure M-2

U.S. Gross National Product and Alabama Gross State Product
Real Manufacturing Output Growth Rates
(Percent)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	39	90	91
AL	4.8	2.2	-4.6	2.2	-6.8	5.7	5.9	4.3	1.9	3.6	3.6	2.4	1.0	3.1
US	5.9	5.6	-4.8	-2.8	-8.7	2.6	5.9	6.7	4.1	4.9	5.3	4.5	3.2	4.7

Table M-2

Alabama Real State Product Manufacturing Output Average Annual Growth Rates, 1979-91 (Percent)

	1979-81	1981-83	1983-87	1987-91
Manufacturing	-3.8	-3.2	5.4	4.4
Nondurable	-1.2	-2.3	5.5	4.4
Food	2.1	2.3	3.0	3.2
Textile	-2.4	-7.6	4.4	1.7
Apparel	2.4	3.6	7.5	6.8
Paper	-4.7	-5.7	5.7	4.1
Printing, Publishing	-0.3	0.9	7.0	6.1
Chemical	-2.5	-2.0	5.5	3.4
Rubber, Plastic	-3.9	-7.0	7.7	6.1
Other Nondurable	13.2	0.0	2.3	2.1
Durable	-6.7	-4.3	5.2	4.5
Lumber	-10.6	-11.9	-5.2	-6.9
Furniture	-0.6	-9.4	5.1	5.9
Primary Metal	-10.6	-3.2	6.0	4.1
Fabricated Metal	-5.0	-4.1	7.0	5.1
Nonelectrical Machinery	-0.2	-1.6	5.1	3.1
Electrical Machinery	3.4	3.4	9.6	9.3
All Trans Equip	-8.1	-8.9	4.3	3.0
Stone, Clay, Glass	-4.0	-0.7	8.2	9.5
Other Durable	-5.9	-4.7	-2.6	-2.5

machinery during 1983-87. For most nondurable and durable industries, growth in real output is forecasted to slow slightly between 1987 and 1991. All nondurable industries are expected to exhibit positive average annual gains between 1983 and 1991, with apparel, printing and publishing, and rubber and plastics showing the greatest growth in real output.

Many signs point to the need for government to work toward the restructuring of the manufacturing industries in Alabama. Steel is not the only sector hard hit by the recession that is of greater regional than national significance. Alabama's textile and apparel industries are also more important in Alabama than in the U.S. In 1979, Alabama textile and apparel industries employed 19.4 percent of the manufacturing labor force. Only 12.3 percent of U.S. manufacturing labor is devoted to textiles and apparel. And like steel, textiles and apparel are mature industries without significant technological breakthroughs and are troubled by high costs and serious competition from overseas. While new, high value added and technologically innovative industry can significantly strengthen Alabama's industrial base, existing industry should not be ignored. Business and government should work for the revitalization of those industries that will play major roles in the years ahead. If Alabama can capture a new comparative advantage based on its natural resources and the adoption of competitive technology, manufacturing will serve once again as a source of jobs and wealth for all Alabamians.

Manufacturing Employment

Both Alabama total employment and manufacturing employment peaked in 1979, with manufacturing's 375,605 workers accounting for 22.4 percent of total employment in that year. However, as the recession of 1980-82 struck Alabama, manufacturing employment fell sharply to just 340,375 in 1983, as seen in Table M-3. While a turnaround in the manufacturing employment trend is expected to begin in 1985, projected employment of 372,080 in manufacturing in 1991 would remain more than 3,500 below 1979 employment. This drop is entirely attributable to durable goods manufacturing. In contrast, total employment is forecasted to pass its 1979 peak in 1984, indicating that employment will be shifting to other areas of the economy.

The comparative growth rates for Alabama durable and nondurable employment for 1982-91 are graphed in Figure M-3. During most of the years 1984-91, durable manufacturing employment is forecasted to grow at a faster rate than nondurable employment. However, the sector will not be able to recoup the deep declines of 1980-83.

Table M-4 presents a more detailed breakdown of manufacturing employment trends. Among nondurable industries, employment gains averaging just 0.6 percent annually during 1983-87 and 0.9 percent during 1987-91 are forecasted. Employment in food, textiles, chemicals, and other nondurables is expected to decline during each of these periods. Gains averaging close to 3 percent are projected for the apparel and printing and publishing industries between 1983 and 1991.

Despite a sharp decline in employment forecasted for the lumber industry, the durable sector is expected to show employment gains averaging 1.7 percent during 1983-87 and 1.3 percent during 1987-91. Electrical machinery, with predicted growth averaging greater than 5 percent during 1983-91, and stone, clay, and glass, with gains averaging close to 4 percent, are projected as the strongest manufacturing employment sectors. Employment in furniture, nonelectrical machinery, and transportation equipment is expected to grow slowly during 1983-91. The performance of primary metals is expected to be relatively weak and uneven, with 1985 the peak growth year.

Recessionary conditions and the consequent depressed state of Alabama's manufacturing sector have forced changes in the state's economic structure. Manufacturing may never regain its 1979 share of Alabama total employment and, in fact, a steady decline in this share is predicted through 1991, as shown in Table M-5. Alabama's trend parallels the decline anticipated nationwide, in the United States, manufacturing's 21.3 percent share of 1979 total employment is forecasted to drop to 18.9 percent in 1983 and to 17.3 percent in 1991. The state's emphasis on manufacturing employment should remain above the national average, with 19.1 percent comparing to 17.3 percent in the United States at the end of the forecast period.

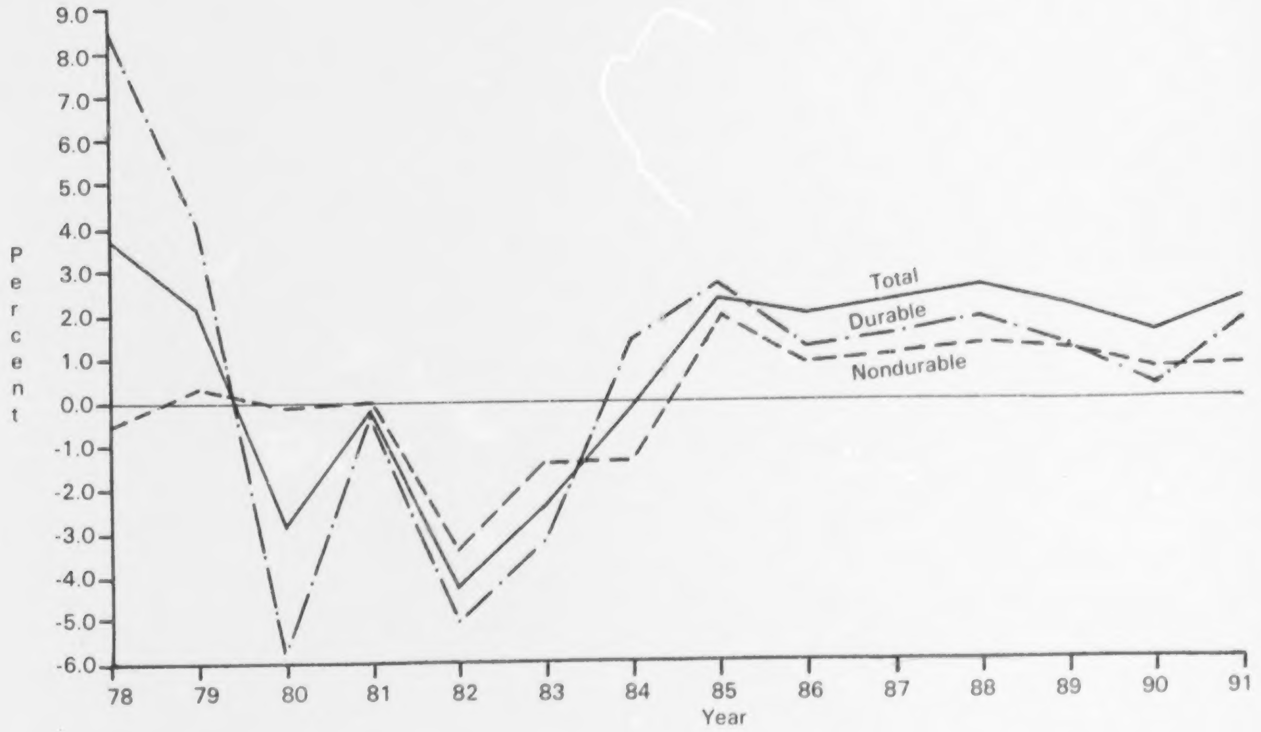
The durable goods sector is expected to see the sharpest relative declines in employment with furniture and primary metals shares of total employment each dropping by about one percent between 1979 and 1991. Among nondurables, employment in textiles is forecasted to drop from 2.6 percent of total employment in 1979 to 1.5 percent by 1991. Only apparel and electrical

Table M-3
Alabama Manufacturing Employment

	1979	1981	1983	1987	1991
Manufacturing	375,605	363,994	340,375	355,940	372,080
Nondurable	188,558	188,248	179,124	183,378	190,245
Food	28,159	28,555	28,490	27,287	26,858
Textile	44,061	42,315	36,345	32,177	29,269
Apparel	52,886	54,459	56,611	64,394	72,630
Paper	20,492	20,961	19,337	19,619	19,707
Printing, Publishing	10,100	10,207	9,880	11,257	12,610
Chemical	15,987	14,531	13,432	13,328	13,024
Rubber, Plastic	14,333	14,676	12,961	14,288	15,259
Other Nondurable	2,540	2,544	2,055	1,039	905
Durable	187,047	175,746	161,352	172,559	181,823
Lumber	30,762	27,375	25,008	19,911	15,411
Furniture	8,210	8,466	6,543	6,962	7,195
Primary Metal	44,822	36,946	30,937	34,817	34,095
Fabricated Metal	26,221	26,058	22,957	25,389	27,936
Nonelectrical Machinery	16,107	15,425	16,108	16,290	16,748
Electrical Machinery	18,954	19,621	20,714	26,083	33,400
All Trans Equip	23,430	23,923	21,646	23,639	24,531
Stone, Clay, Glass	10,682	9,739	9,202	10,478	12,662
Other Durable	7,859	8,194	8,230	8,994	9,849

Figure M-3

Alabama Manufacturing Employment
(Growth Rates)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Durable	3.7	2.1	-2.9	-.2	-4.2	-2.4	-.1	2.3	1.0	1.3	1.6	1.1	.5	1.3
Total	-.5	.3	-.1	-.0	-3.4	-1.5	-1.4	2.0	.9	1.0	1.2	1.1	.7	.8
Nondurable	8.4	4.1	-5.8	-.3	-5.1	-3.2	1.4	2.7	1.2	1.5	1.9	1.2	.3	1.8

Table M-4

Alabama Manufacturing Employment
Average Annual Growth Rates, 1979-91 (Percent)

	1979-81	1981-83	1983-87	1987-91
Manufacturing	-1.6	-3.3	2.3	1.1
Nondurable	-0.1	-2.5	-0.6	0.9
Food	0.7	-0.1	-1.1	-0.4
Textile	-2.0	-7.3	-3.0	-2.3
Apparel	1.5	2.0	3.4	3.1
Paper	1.1	-4.0	0.4	0.1
Printing, Publishing	0.5	-1.6	3.3	2.9
Chemical	-4.7	-3.9	-0.2	-0.6
Rubber, Plastic	1.2	-6.0	2.5	1.7
Other Nondurable	0.1	-10.1	-15.7	-3.4
Durable	-3.1	-4.2	1.7	1.3
Lumber	-5.7	-4.4	-5.5	-6.2
Furniture	1.5	-12.1	1.6	0.8
Primary Metal	-9.2	-8.5	3.0	-0.5
Fabricated Metal	-0.3	-6.1	2.5	2.4
Nonelectrical Machinery	-2.1	2.2	0.3	0.7
Electrical Machinery	1.7	2.7	5.9	6.4
All Trans Equip	1.0	-4.9	2.2	0.9
Stone, Clay, Glass	-4.5	-2.8	3.3	4.8
Other Durable	2.1	0.2	2.2	2.3

machinery are expected to have growing shares of total employment during the 1983-91 forecast period.

Manufacturing Wages

Typically, average wages in durable goods industries are higher than wages in the nondurable sector; in Alabama, durable manufacturing wages should remain close to 20.8 percent above average nondurable wages throughout the 1983-91 forecast period. The United States as a whole is not expected to maintain a constant relationship; the average wage difference is expected to increase from 18.8 percent in 1983 to 20.2 percent in 1987 and 21.4 percent in 1991. Historical and forecasted Alabama durable and nondurable manufacturing wage rates are depicted in Figure M-4. Among nondurables, paper, chemicals, and rubber and plastics should continue to rank as the three highest paying industries, while low wages in apparel manufacturing will hold the sector average down. By 1991, the primary metals durable goods industry is expected to just pass paper in paying the highest average wages in the state. Transportation equipment is forecasted to remain a distant second in durable wages paid, as shown in Table M-6.

Alabama's comparative advantage in manufacturing wages is expected to diminish steadily during the 1983-91 forecast period. By 1991 average wages in both the durable and nondurable goods components should be close to 90 percent of average wages nationwide, as shown in Figure M-5. While this trend toward parity reflects a relative increase in the quality of life for Alabama's manufacturing employees, it also suggests that the state must consider incentives to industrial location other than cheap labor.

Overall wage gains in Alabama's nondurable and durable goods industries are expected to be roughly equal, averaging 8.8 percent during 1983-87 and 7.0 percent during 1987-91, as shown in Table M-7. Whereas historically during 1979-81 United States wage gains averaged more than one percent above those in Alabama, from 1983 through 1991 growth in Alabama wage rates should exceed gains nationwide. During 1983-91, the average differential in wage gains is projected at close to 0.7 percent among nondurables and .5 percent among durables.

Manufacturing Income

Manufacturing wage and salary income in Alabama grew from $5.0 billion in 1979 to $5.7 billion in 1981 and is expected to reach $12.6 billion by 1991. The deleterious effects of the 1980-82 recession are expected to result in very modest gains in current dollar manufacturing income during 1981-83, as shown in Table M-8. An annual growth rate of just 3.4 percent would compare to a 4.5 percent rate nationwide. Both nondurable and durable sectors are expected to post below average gains during this period. During the subsequent years of the forecast period, however, manufacturing wage and salary income growth in Alabama is expected to exceed average growth in the United States. As the Alabama economy recovers from the recession during 1983-87, current dollar durable income is expected to grow an average of 11.8 percent annually; nondurable income 9.4 percent. Gains will slow during the later years of the forecast period. Among durable goods industries, only lumber, furniture, and nonelectrical machinery are expected to show weak income gains, while food, textiles, and other nondurables should also exhibit below average wage and salary income growth between 1983 and 1991.

Alabama's manufacturing sector is expected to account for a generally diminishing percentage of current dollar total personal income in the state, as indicated in Table M-9. A drop in this share from 18.9 percent in 1979 to 16.4 percent in 1983 and 16.0 percent in 1991 is anticipated. Higher wages in durable goods manufacturing result in a larger income share for this sector than for nondurables, in contrast to its smaller percentages of real output and employment. Overall, primary metals, paper, and apparel are expected to be the largest income contributors by 1991, while the importance as income-producers of the textile and lumber industries is forecasted to show the greatest drop between 1983 and 1991.

Productivity of Labor in Manufacturing

The value of output produced per dollar of wage is used to measure the productivity of labor and serves as an indication of industrial competitiveness. Historically, Alabama's performance

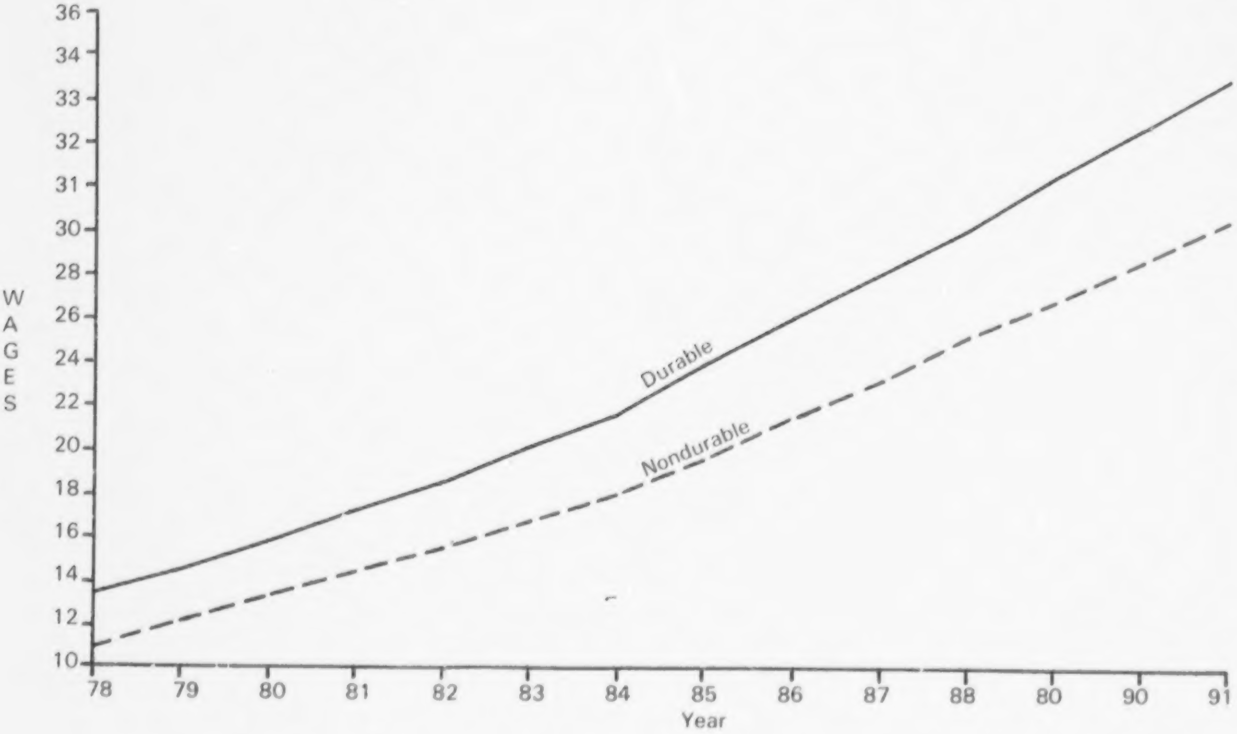
Table M-5

Manufacturing Sector Share of Alabama Total Employment
(Percent)

	1979	1981	1983	1987	1991
Manufacturing	22.4	21.9	20.4	19.8	19.1
Nondurable	11.2	11.3	10.7	10.2	9.8
Food	1.7	1.7	1.7	1.5	1.4
Textile	2.6	2.5	2.2	1.8	1.5
Apparel	3.2	3.3	3.4	3.6	3.7
Paper	1.2	1.3	1.2	1.1	1.0
Printing, Publishing	0.6	0.6	0.6	0.6	0.6
Chemical	1.0	0.9	0.8	0.7	0.7
Rubber, Plastic	0.9	0.9	0.8	0.8	0.8
Other Nondurable	0.2	0.2	0.1	0.6	0.5
Durable	11.1	10.6	9.7	9.6	9.3
Lumber	1.8	1.6	1.5	1.1	0.8
Furniture	0.5	0.5	0.4	0.4	0.4
Primary Metal	2.7	2.2	1.9	1.9	1.8
Fabricated Metal	1.6	1.6	1.4	1.4	1.4
Nonelectrical Machinery	1.0	0.9	1.0	0.9	0.9
Electrical Machinery	1.1	1.2	1.2	1.5	1.7
All Trans Equip	1.4	1.4	1.3	1.3	1.3
Stone, Clay, Glass	0.6	0.6	0.6	0.6	0.6
Other Durable	0.5	0.5	0.5	0.5	0.5

Figure M-4

Alabama Manufacturing Wage Rates
(Thousands of Current Dollars)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
urable	10.96	12.03	13.20	14.38	15.52	16.67	18.03	19.89	21.60	23.39	25.14	26.91	28.80	30.66
ondurable	13.19	14.53	15.81	17.17	18.61	20.13	21.72	24.09	26.08	28.26	30.29	32.56	34.78	37.04

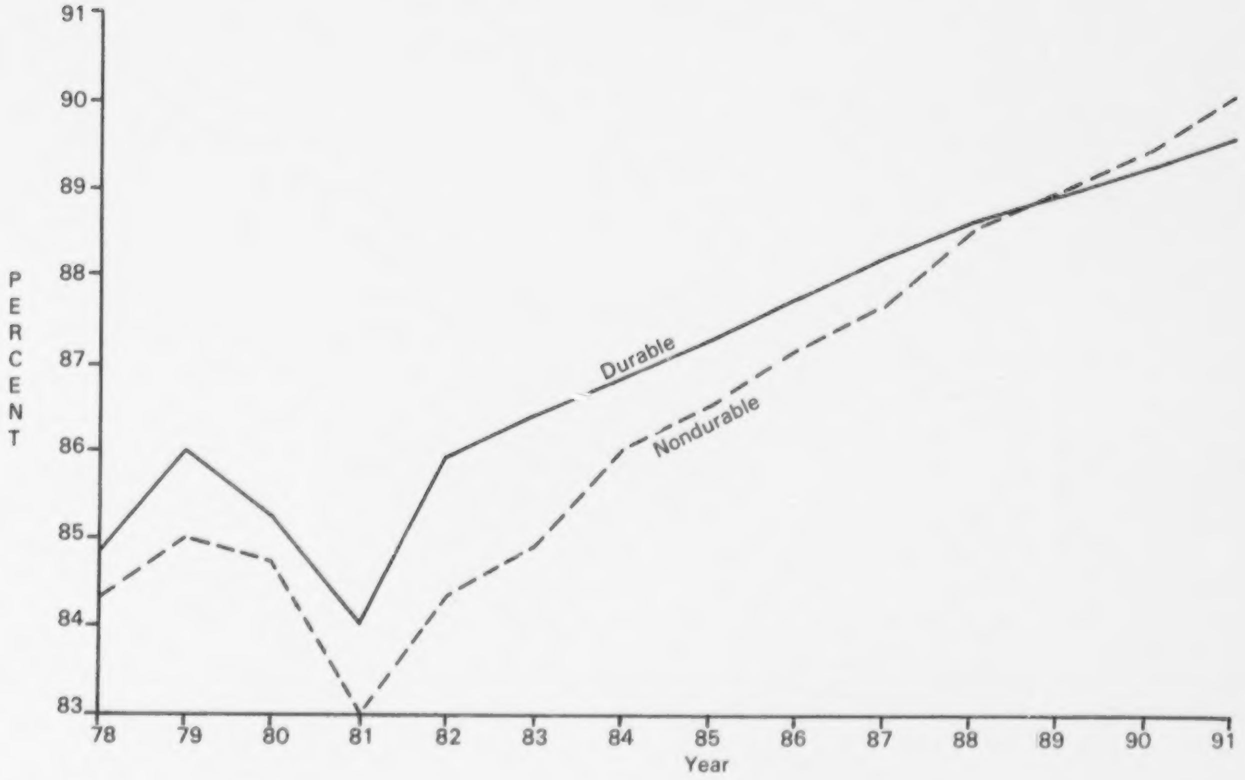
Table M-6

Alabama Manufacturing Wage Rates
(Current dollars)

	1979	1981	1983	1987	1991
Manufacturing					
Nondurable	12,031	14,382	16,667	23,386	30,662
Food	10,949	13,042	14,933	20,347	26,060
Textile	10,591	12,628	14,208	20,316	27,128
Apparel	7,283	8,795	9,793	13,133	16,607
Paper	20,286	24,645	29,229	43,204	58,981
Printing, Publishing	12,144	14,333	16,390	21,954	27,736
Chemical	18,172	22,330	26,479	38,518	51,960
Rubber, Plastic	17,171	20,135	22,303	33,066	45,597
Other Nondurable	13,168	15,430	18,048	26,670	36,447
Durable	14,534	17,170	20,127	28,265	37,039
Lumber	10,472	12,002	14,529	22,308	31,503
Furniture	9,239	11,172	12,215	16,102	20,065
Primary Metal	19,838	23,679	28,474	43,024	59,888
Fabricated Metal	13,661	16,091	18,672	25,894	33,593
Nonelectrical Machinery	13,405	16,183	18,242	24,892	31,882
Electrical Machinery	12,514	14,776	16,880	23,037	29,509
All Trans Equip	15,597	18,015	21,471	31,319	42,215
Stone, Clay, Glass	13,983	17,080	19,579	27,545	36,147
Other Durable	13,386	17,970	19,611	27,751	36,588

Figure M-5

Comparative Advantage in Manufacturing Wage Rates
(Alabama as Percentage of U.S.)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Nondurable	.843	.850	.847	.830	.843	.849	.860	.865	.872	.877	.895	.890	.895	.901
Durable	.848	.860	.852	.840	.859	.864	.868	.873	.878	.882	.886	.889.	.893	.896

Table M-7

Alabama Manufacturing Wages
Average Annual Growth Rates, 1979-91 (Percent)

	1979-81	1981-83	1983-87	1987-91
Manufacturing				
Nondurable	9.3	7.7	8.8	7.0
Food	9.1	7.0	8.0	6.4
Textile	9.2	6.1	9.4	7.5
Apparel	9.9	5.5	7.6	6.0
Paper	10.2	8.9	10.3	8.1
Printing, Publishing	8.6	6.9	7.6	6.0
Chemical	10.9	8.9	9.8	7.8
Rubber, Plastic	8.3	5.2	10.3	8.4
Other Nondurable	8.2	8.2	10.3	8.1
Durable	8.7	8.3	8.9	7.0
Lumber	7.1	10.0	11.3	9.0
Furniture	10.0	4.6	7.2	5.7
Primary Metal	9.3	9.7	10.9	8.6
Fabricated Metal	8.5	7.7	8.5	6.7
Nonelectrical Machinery	9.9	6.2	8.1	6.4
Electrical Machinery	8.7	6.9	8.1	6.4
All Trans Equip	7.5	9.2	9.9	7.7
Stone, Clay, Glass	10.5	7.1	8.9	7.0
Other Durable	15.9	4.5	9.1	7.2

Table M-8

Alabama Current Dollar Manufacturing Wage and Salary Income Average Annual Growth Rates, 1979-91 (Percent)

	1979-81	1981-83	1983-87	1987-91
Manufacturing	7.0	3.4	10.7	8.3
Nondurable	9.2	3.6	9.4	7.8
Food	9.9	6.9	6.9	6.0
Textile	6.9	-1.7	6.1	5.0
Apparel	11.5	7.5	11.2	9.3
Paper	11.5	4.5	10.7	8.2
Printing, Publishing	8.9	5.3	11.1	9.1
Chemical	5.5	4.8	9.6	7.2
Rubber, Plastic	9.7	-1.2	13.0	10.2
Other Nondurable	8.7	-2.6	-6.7	4.2
Durable	5.1	3.3	11.8	8.7
Lumber	1.1	5.0	5.2	2.2
Furniture	11.8	-8.2	8.8	6.5
Primary Metal	-0.8	0.3	14.2	8.1
Fabricated Metal	8.2	1.2	11.2	9.3
Nonelectrical Machinery	7.6	8.4	8.3	7.2
Electrical Machinery	10.6	9.9	14.5	13.2
All Trans Equip	8.7	3.9	12.3	8.8
Stone, Clay, Glass	5.6	4.1	12.6	12.2
Other Durable	18.3	4.7	11.6	9.5

Table M-9

Manufacturing Sector Share of Alabama Total Personal Income
(Percent of current dollars)

	1979	1981	1983	1987	1991
Manufacturing	18.9	17.9	16.4	16.6	16.0
Nondurable	8.6	8.5	7.8	7.6	7.1
Food	1.2	1.2	1.1	1.0	0.9
Textile	1.8	1 7	1.4	1.2	1.0
Apparel	1.5	1.5	1.5	1.5	1.5
Paper	1.6	1.6	1.5	1.5	1.5
Printing, Publishing	0.5	0.5	0.4	0.4	0.4
Chemical	1.1	1.0	1.0	0.9	0.9
Rubber, Plastic	0.9	0.9	0.8	0.9	0.9
Other Nondurable	0.1	0.1	0.1	0.1	0.4
Durable	10.3	9.4	8.6	9.1	8.9
Lumber	1.2	1.0	1.0	0.8	0.6
Furniture	0.3	0.3	0.2	0.2	0.2
Primary Metal	3.4	2.7	2.4	2.7	2.6
Fabricated Metal	1.4	1.3	1.2	1.2	1.2
Nonelectrical Machinery	0.8	0.8	0.8	0.7	0.7
Electrical Machinery	0.9	0.9	0.9	1.1	1.2
All Trans Equip	1.4	1.4	1.2	1.3	1.3
Stone, Clay, Glass	0.6	0.5	0.5	0.5	0.6
Other Durable	0.4	0.5	0.4	0.5	0.5

in this area has been mixed. However, the 1980-82 recession resulted in plummetting productivity, as declines averaged -5.1 percent in manufacturing annually during 1980-82, with a -6.3 percent drop in the durable sector and -4.1 percent in nondurables. As indicated in Table M-10, overall productivity, sparked by gains among nondurable industries, is expected to begin to recover during 1983-91. However, the recovery will be weak at best, especially in the durable sector, and productivity in both nondurable and durable manufacturing will remain significantly below 1979 levels through 1991. This trend does not bode well for the competitiveness of Alabama products in the marketplace.

Capital Investment in Manufacturing

Expansion of Alabama's industrial base is dependent on the infusion of investment capital into the economy. Table M-11 presents historical and projected real capital investment for selected manufacturing industries. These figures are based on past investment and on other economic trends, and could, of course, be dramatically accelerated by the aggressive pursuit and attraction of new industry to Alabama.

Real capital investment is expected to continue to be concentrated in a few key industrial sectors. Chemicals should continue to claim the largest share, with constant dollar annual investment growing from $217.5 million in 1981 to $303.1 million in 1991, as shown in Table M-11. While investment in paper and in primary metals was adversely affected by the 1980-82 recession, it should rebound during 1987-91, with each industry forecasted to claim more than $171 million annually by 1991. Growth rates for real capital investment presented in Table M-12 indicate that although most industrial sectors fell prey to declining capital investment during 1979-83, investment in all industries should show steady gains during 1983-91. By far the largest growth in capital infusion is projected for transportation equipment, paralleling national projections of a recovery in the automobile industry. Investment gains should average at least 10 percent annually between 1981 and 1991 in this industry.

Alabama's Manufacturing Economy and Recession

The 1980-82 recession brought dramatic declines in manufacturing employment in both Alabama and the United States as a whole. The fall from the manufacturing employment peak of 1979 and the anticipated paths of recovery in both economies are depicted in Figure M-6. Indications are that manufacturing employment will bottom out sooner in the United States than in Alabama, with the nation's recovery underway in 1983. Manufacturing employment in Alabama, however, is not expected to begin to rebound until 1985. Once underway, the state's recovery is expected to be stronger than the nation's, with manufacturing employment coming closer to prerecessionary levels in Alabama than in the United States by 1991. Neither work force is expected to regain its 1979 size by 1991.

Why are the paths of decline and recovery in the two economies so different, with Alabama dropping lower and staying at the bottom for a longer period of time? A look at the differing industrial mixes offered by Table M-13 may provide insight. Overall, manufacturing claims a larger share of total employment in Alabama than in the United States, so that a decline in this sector has a greater impact on Alabama's economy. It may seem surprising, however, that a comparatively smaller share of total employment in Alabama is concentrated in the durable goods sector. Perhaps the difficulties here arise from the durable mix and not the concentration. Alabama's durable sector has been atypically focused on lumber and primary metals, two industries which slumped badly during the 1980-82 recession. While durable goods, with a higher income elasticity than nondurable, experienced an earlier, deeper recessionary decline, they are also expected in general to rebound more strongly as the economic outlook brightens. Unfortunately, however, further employment gains in both lumber and primary metals are expected to be uneven. On balance, the state's lack of emphasis on durable manufacturing may slow its economic recovery.

Alabama's industrial mix is much more heavily slanted toward nondurables, with the relative ratio expected to remain at least forty percent above the United States average from 1981 through 1991. Here the state's involvement in the manufacture of textiles, apparel, and paper is most significantly atypical. Both textiles and paper were expected to experience sharply declining employment during 1980-82. In general, recovery in nondurable employment is forecasted to lag durable recovery. Hence Alabama's dependency on this sector may help explain both the slow decline and slow recovery of manufacturing employment in the state relative to the United States as a whole.

Table M-10

Productivity of Alabama Labor in Manufacturing with Average Annual Growth Rates

	1979	1981	1983	1987	1991
Manufacturing	1.839	1.725	1.665	1.673	1.688
		-3.1	-1.8	0.1	0.2
Nondurable	2.030	1.949	1.887	1.970	2.005
		-2.0	-1.6	1.1	0.4
Durable	1.679	1.522	1.465	1.425	1.433
		-4.8	-1.9	-0.7	0.1

Table M-11

Alabama Real Capital Investment in Selected Manufacturing Industries

(Millions of 1972 dollars)

	1979	1981	1983	1987	1991
Manufacturing					
Nondurable					
Textile	41.5	36.6	36.6	41.5	47.3
Paper	134.8	128.8	128.1	151.4	178.5
Printing, Publishing	8.5	8.6	8.9	9.9	10.9
Chemical	203.3	217.5	219.8	261.4	303.1
Rubber, Plastic	37.6	26.0	27.5	33.4	38.8
Durable					
Lumber	28.2	28.6	28.3	34.4	42.8
Primary Metal	160.8	153.9	131.8	151.1	171.0
Fabricated Metal	31.0	25.5	25.2	31.7	39.6
Electrical Machinary	19.1	19.8	18.4	20.0	22.8
All Trans Equip	43.8	24.2	53.9	86.0	125.8
Stone, Clay, Glass	133.1	89.9	87.2	97.7	117.7
Other Durable	40.2	50.4	51.6	62.2	71.4

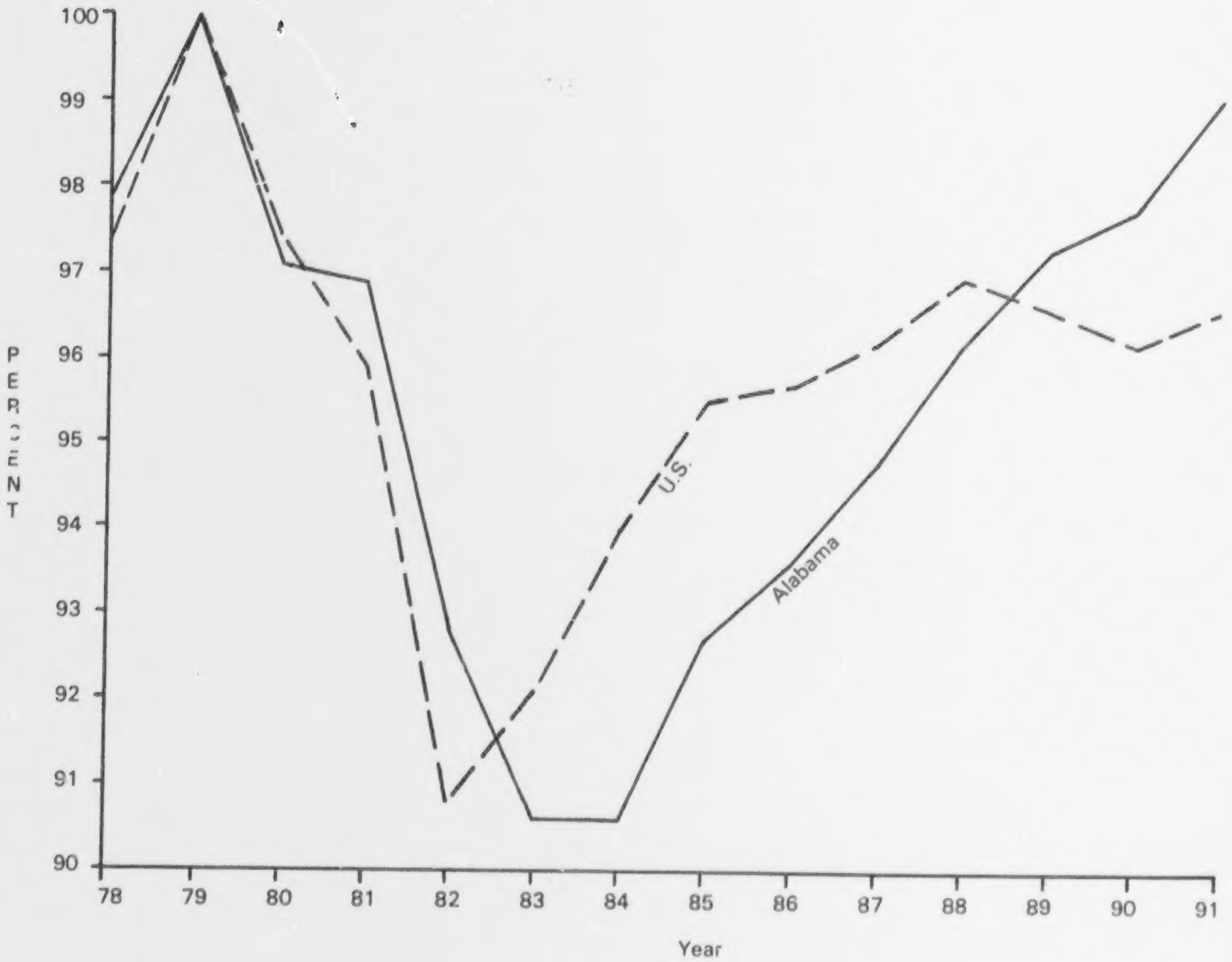
Table M-12

Alabama Real Capital Investment in Selected Manufacturing Industries
Average Annual Growth Rates, 1979-91 (Percent)

	1979-81	1981-83	1983-87	1987-91
Manufacturing				
Nondurable				
Textile	-6.1	-0.1	3.2	3.4
Paper	-2.3	-0.3	4.3	4.2
Printing, Publishing	0.6	1.8	2.7	2.4
Chemical	3.4	0.5	4.4	3.8
Rubber, Plastic	-16.8	2.8	5.0	3.8
Durable				
Lumber	0.7	-0.5	5.1	5.6
Primary Metal	-2.2	-7.5	3.5	3.1
Fabricated Metal	-9.3	-0.7	5.9	5.7
Electrical Machinery	1.9	-3.7	2.1	3.2
All Trans Equip	-25.6	49.1	12.4	10.0
Stone, Clay, Glass	-17.8	-1.5	2.9	4.8
Other Durable	12.1	1.1	4.8	3.5

Figure M-6

Index of Manufacturing Employment in Alabama and U.S. 1978-1991 and Projected 1982-92
(Index: 1979 = 100)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
U.S	97.4	100.0	96.4	95.9	90.8	92.1	94.0	95.5	95.7	96.2	97.0	96.6	96.2	96.6
Alabama	97.9	100.0	97.1	96.9	92.8	90.6	90.6	92.7	93.6	94.8	96.2	97.3	97.8	99.1

Table M-13

Manufacturing Employment
Alabama Relative to the United States
(Percent)

	1979	1981	1983	1987	1991
Manufacturing	105	109	108	108	110
Nondurable	134	141	140	141	144
Food	96	103	107	107	105
Textile	293	310	276	234	209
Apparel	239	264	270	298	334
Paper	171	184	184	186	187
Printing, Publishing	48	49	50	56	60
Chemical	85	79	80	76	72
Rubber, Plastic	108	120	111	117	121
Durable	86	87	86	87	89
Lumber	236	247	224	165	126
Furniture	97	109	90	93	90
Primary Metal	210	199	178	195	195
Fabricated Metal	90	99	93	95	99
Nonelectrical Machinery	38	37	44	42	42
Electrical Machinery	53	57	67	82	105
All Trans Equip	66	76	67	66	65
Stone, Clay, Glass	89	92	94	101	118

MINING: A GROWTH INDUSTRY FOR THE FUTURE

Recent Trends in Mining

The mining industry in Alabama has been riding a fast roller coaster during the past five years. From an estimated output of $.687 billion in 1978 to $1.005 billion in 1980 and, as a result of economic recession and a strike, down to $.774 billion in 1981, mining has been a boom or bust industry. An average real growth rate of 4.5 percent for the past 5 years hides the severe unemployment the industry has experienced. This period has seen mining's share of total real gross state product rise from 1.36 percent in 1978 to 1.90 in 1980 and then fall to 1.31 percent in 1981. With mining an important regional industry, such rapid changes in output create difficult economic and social problems for local governments and their citizens.

Mining employment in 1978 was 13,870, equal to 0.84 percent of all Alabama workers. By 1980 this had risen to 16,804 or 1.0 percent; only to fall to 15,140 in 1981. Growth trends in mining employment, of course, reflect the same pattern found in mining output. The four year period from 1978 to 1982 shows an average annual growth in employment of 4.2 percent. Such a measure, however, fails to reveal the real volatility; 20.1 percent growth from 1978 to 1979 was followed by a 9.9 percent decline from 1980 to 1981.

Average mining wage rates through this period have risen steadily from $18,956 per year in 1978 to $25,655 in 1982. This increase reflects an average annual raise of 7.9 percent. Mining has traditionally paid among the highest average wages of any sector. Only primary metals and paper manufacturing have comparable annual wage rates.

Total wage and salary income paid in mining, like employment, reflects the demand for output. Total payroll rose sharply during the expanding period 1978-1980, only to fall in 1981. Value of output per dollar of wage, a relative productivity of labor measure, also reflects these trends. Mining productivity rose steadily from 1978-1980, but fell sharply in 1981. This best reflects that while miners are laid off when demand falls, hence decreasing total wage outlays, it is still difficult for the industry to maintain productivity when demand drops rapidly.

Mining Outlook

The long-term outlook for mining in Alabama is positive, as indicated in Table MI-1. Inland waterways and new port facilities offer good transportation routes. Reserves are plentiful and while demand will fluctuate with the national and international business cycle, output growth is expected to average over 9 percent a year through 1991. Anticipated output growth is depicted in Figure MI-1. However, gains in the near-term may be slowed by the industry's dependence on demand for coal from electric power and steel companies. As a result, mining will play an increasingly important role in Alabama, rising from 1.70 percent of total gross state product in 1982 to 2.47 percent in 1991. After an anticipated slump in 1984, employment through 1991 is expected to generally increase. Projected employment of 17,442 in 1991 would be up from 16,360 in 1982. Mining's share of total employment will hold at around 0.9 percent reflecting further improvements in labor productivity.

Wages are also expected to continue to rise. Should historically high wage settlements continue, and the general level of inflation run at 5 to 7 percent per year, average annual mining wages could more than double by 1991. This would mean an increase from $25,655 per year in 1982 to $55,174 in 1991. Historical and projected comparative wages for mining in Alabama and the United States are detailed in Figure MI-2. Expected Alabama wages above the U.S. average late in the decade would place Alabama's coal industry at a comparative disadvantage.

Total wage and salary income is expected to grow at an average rate of 10 percent a year through 1991. Productivity should, however, remain high in mining when compared to most other industries.

CONSTRUCTION: BUILDING ALABAMA'S TOMORROW

Recent Trends in Construction

High interest rates and declining economic activity over virtually all sectors have devastated the construction industry. Real output (adjusted for inflation) has fallen every year for the past four years for a total real decline of 48 percent. The recession has hit construction so hard that even current dollar (unadjusted for inflation) output has also fallen--declining by 8.8 percent

Table MI-1

The Outlook for Mining, 1979-1991

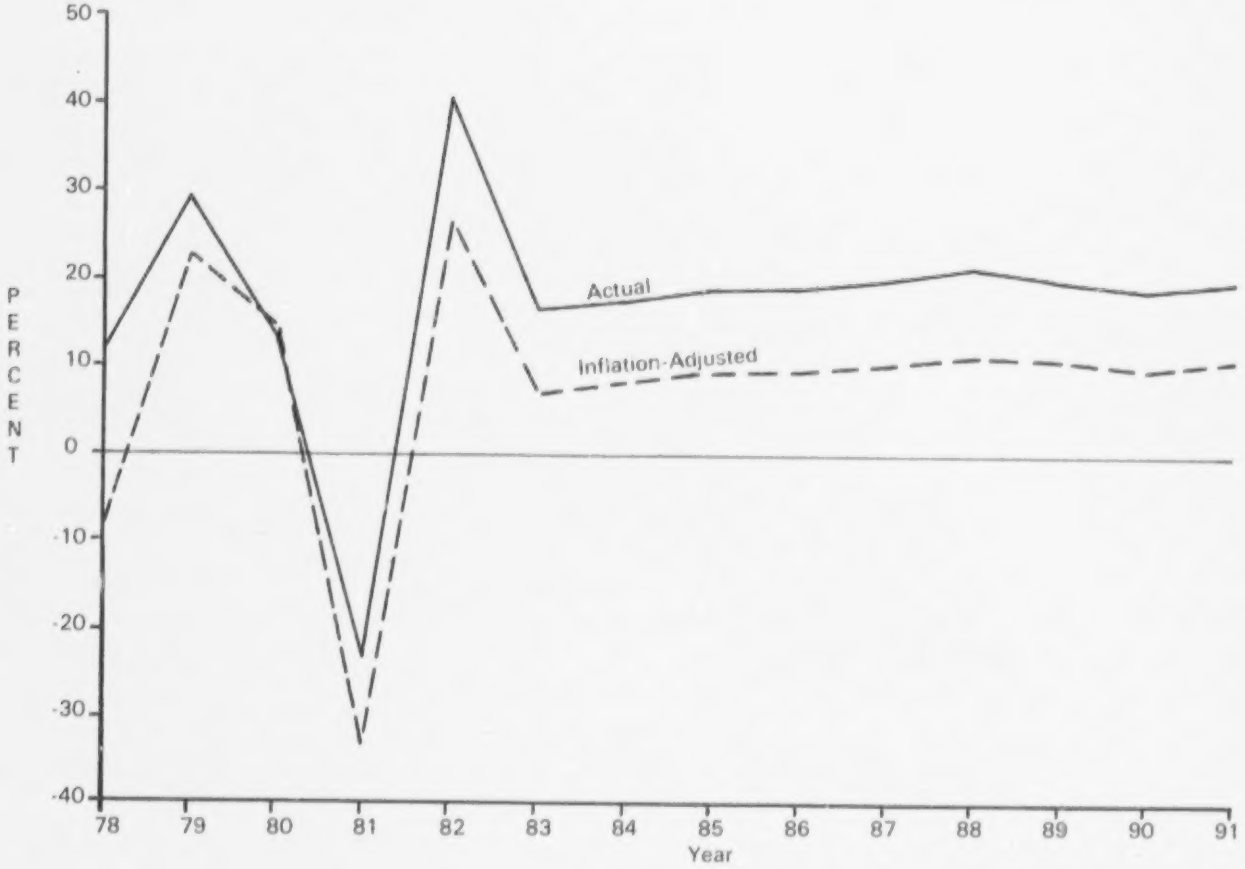
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	.320	.245	.333	.477	.720
Employment (thousands)	16.652	15.140	16.672	16.289	17.442
Wage Rates (thousand $s)	20.121	23.635	27.146	36.835	55.174
Wage & Salary Income (bil $s)	.335	.358	.453	.600	.962
Productivity of Labor	2.650	2.163	2.821	4.270	5.571

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	-12.5	16.6	9.4	10.8
Employment	-4.6	4.9	-0.6	1.7
Wage Rates	8.4	7.2	7.9	10.6
Wage & Salary Income	3.4	12.5	7.3	12.5
Productivity of Labor	-9.6	14.2	10.9	6.9

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	1.63	1.31	1.74	2.04	2.46
Employment	0.99	0.91	1.00	0.91	0.90
Wage & Salary Income	1.27	1.12	1.21	1.09	1.22

Figure MI-1

Alabama Mining Output Growth Rates
Actual and Inflation-Adjusted, 1978-1991
(Percent)

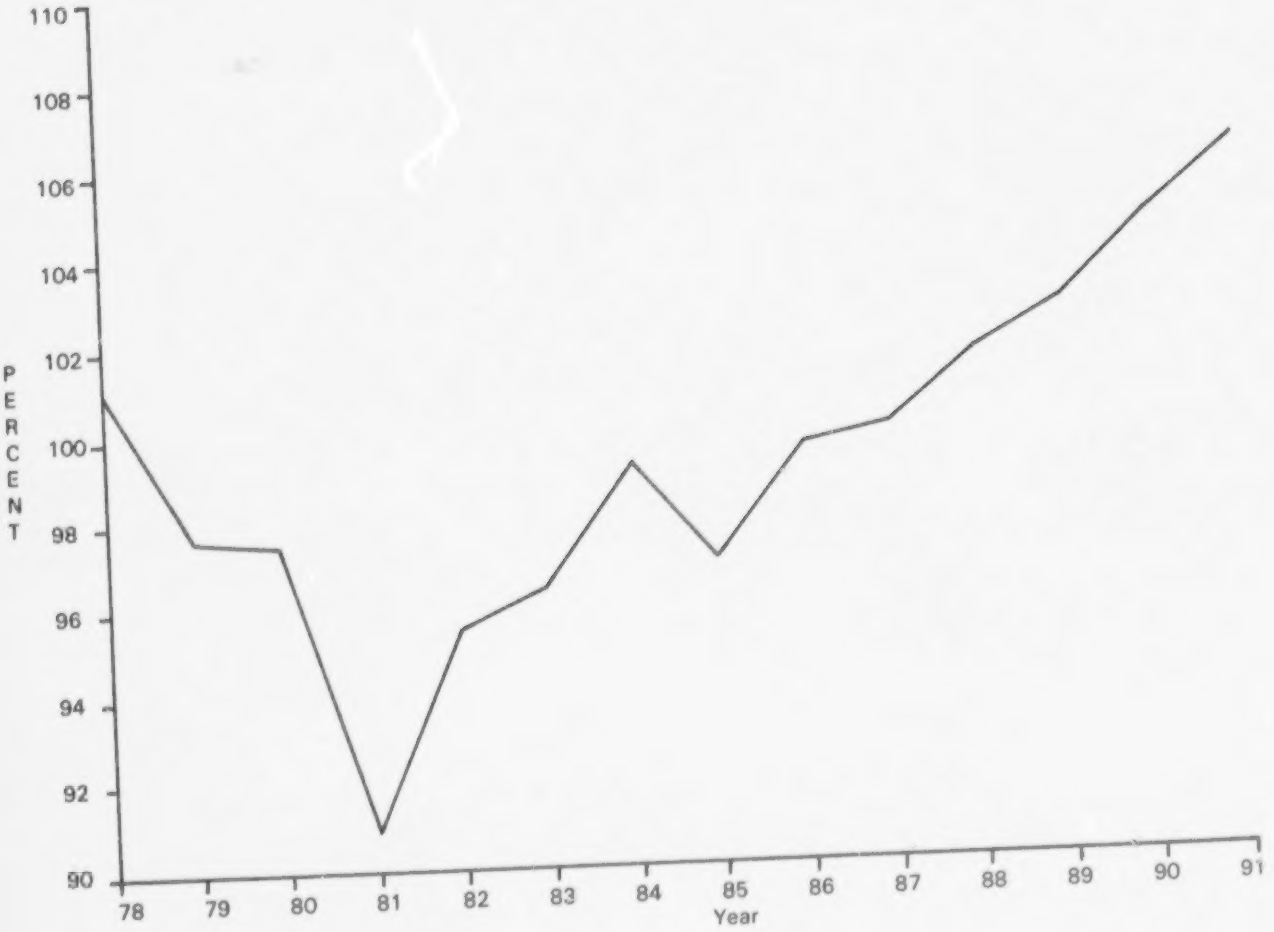


Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Infl-Adj.	-.8	22.6	14.4	-33.0	27.0	7.0	8.2	9.5	9.7	10.3	11.3	10.9	10.0	10.9
Actual	12.1	29.3	13.2	-23.0	41.0	17.0	17.8	18.9	19.1	20.2	21.5	20.1	19.3	20.3

Figure MI-2

Comparative Mining Wage Rates
(Alabama as Percentage of U.S.)



Data Points:

78	79	80	81	82	83	84	85	86	87	88	89	90	91
101.5	97.6	97.4	90.9	95.5	96.3	99.1	97.0	99.6	100.0	101.7	102.7	104.6	107.2

during 1981 and 3.5 percent in 1982. As a result, construction's share of Alabama Gross State Product has fallen from 4.6 percent in 1978--ranking it among Alabama's major industries--to 2.9 percent in 1982.

Correspondingly, construction employment has gone from 78,705 people in 1978 to 63,479 in 1982--a loss of 15,226 jobs over 4 years. This loss compares to that suffered in primary metals manufacturing which lost 13,744 jobs between 1978 and 1982. These lost jobs dropped construction's share of total employment from 4.8 percent in 1978 to 3.8 percent in 1982.

While output and employment were falling, construction wages continued to rise. In 1978 the average annual wage was estimated to be $12,305 per year. By 1982, construction workers averaged $18,498. This growth represents an average annual increase of 10.7 percent. With the largest increase in 1981, the year hardest hit by the current recession, these increases reflect in large measure the loss of lower skilled and less senior workers. Over all, total construction wage and salary income rose an average of 4.9 percent over the past five years. With inflation running between 7 to 13 percent, those who held onto their jobs suffered a loss in real buying power.

Value of construction output per dollar of wage, a measure of the productivity of labor, held about constant from 1978-1980. However, paralleling the greatest decline in activity in 1981, productivity fell by 15 percent. This is likely the result of the most senior and highly paid tradesmen being the last ones laid off, thus pushing up labor costs.

Construction Outlook

Rising building permits in the closing months of 1982 reflect favorable expectations of recovery of the construction sector amidst the steady decline of interest rates and the winding down of inflationary expectations. The expected inflow of additional highway construction funds from the newly passed Federal gasoline tax increases, together with the construction plans funded by oil windfall money, will give further impetus to the Alabama construction sector. Past and future trends in the construction outlook are presented in Table C-1.

General U.S. economic recovery is forecast for 1983. Given the level of backlogged demand for consumer goods, and, in particular, for residential and commercial construction, the construction industry should be a major benefactor of the recovery. Real output in Alabama's construction industry is expected to grow by 6.9 percent in 1983. Growth through 1991 should remain high, averaging over 10 percent per year, as shown in Figure C-1. While no forecast is assured, interest rates must continue to decline and remain in the 8-10 percent range for this recovery and growth to occur.

The expected recovery and the reindustrialization of the Alabama economy will make construction a major industry. By 1991 construction could account for 5.8 percent of Alabama Gross State Product, up from 2.9 percent in 1982.

Beginning in 1985, this would mean significant increases in construction employment. In 1978, construction employed 78,705 workers. This number fell to 63,479 by 1982. With the recovery, 80,126 persons should be working in construction by 1988, rising to 101,104 by 1991. This revitalization of the construction industry is essential if Alabama is to rebuild and develop its industrial base.

Average construction wages, $18,498 per year in 1982, should rise to $25,026 by 1986 and grow at an average rate of 10.1 percent through the end of the decade. If inflation averages about 6 percent as expected, construction workers should realize real gains in buying power. These gains would result in construction accounting for 5.2 percent of total 1991 wage and salary income, an increase from 3.4 percent in 1982.

TRADE: CHANGING IMPORTANCE IN A MATURING ECONOMY

The differences in the Alabama and national economies have been cited frequently in explaining the harshness of the 1980-82 recession on the state. In the case of wholesale and retail trade, however, similarities in the two economies should prevail as the state moves toward a more mature economy.

Alabama's trade sector is second only to manufacturing in importance to the state's economy, paralleling the situation in the nation's economy. As the importance of manufacturing to Alabama's economy declines during the 1980s, the trade sector is anticipated to gain strength, again paralleling a national trend. But by the end of the 1980s, the contribution of the trade sector to both the national and Alabama economies should stabilize, and the early 1990s should

Table C-1

The Outlook for Construction, 1979-1991

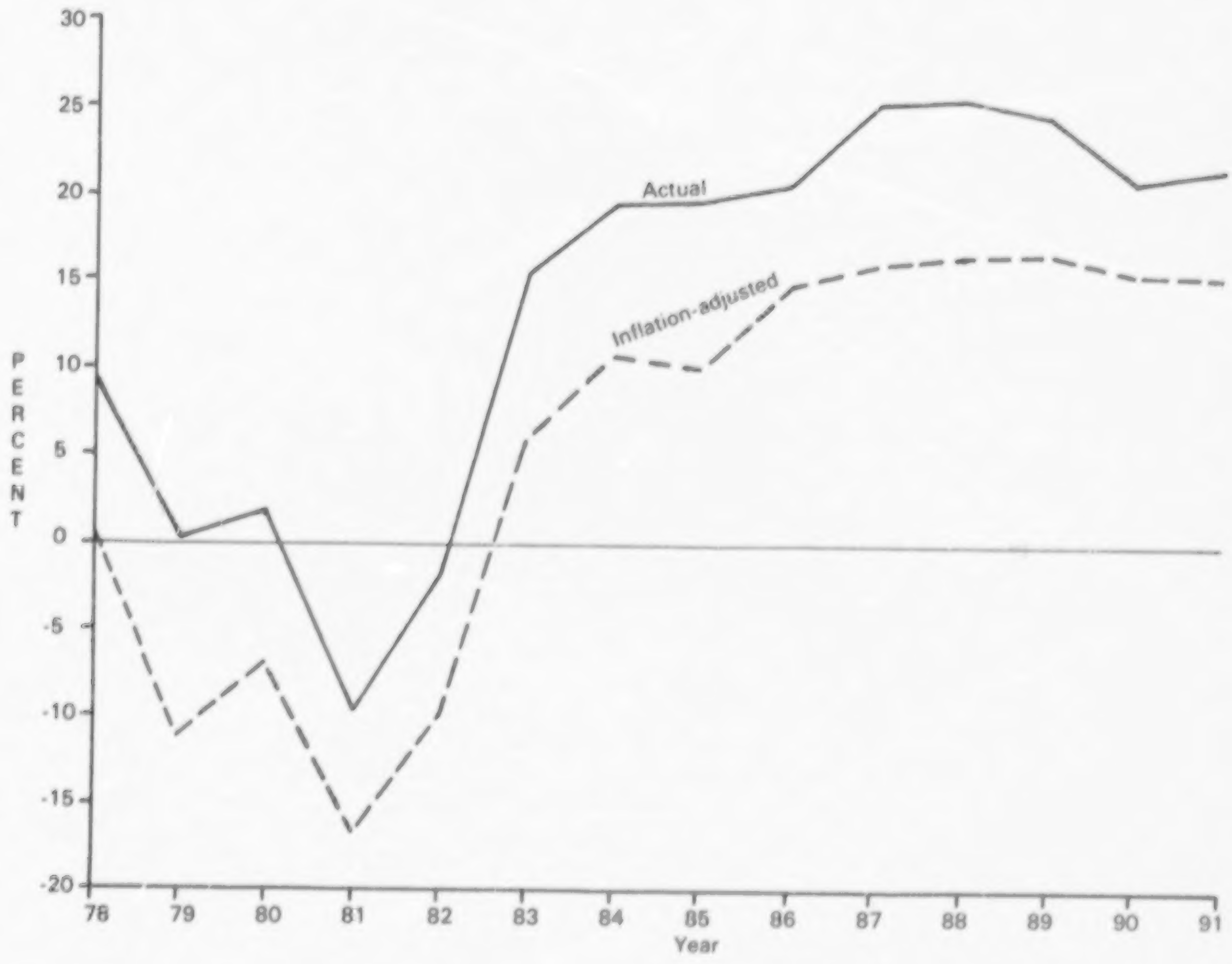
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	.778	.583	.563	.921	1.698
Employment (thousands)	75.260	65.987	63.694	73.124	101.104
Wage Rates (thousand $s)	12.933	16.786	18.828	27.721	40.796
Wage & Salary Income (bil $s)	.973	1.108	1.199	2.027	4.125
Productivity of Labor	1.551	1.287	1.328	1.690	1.941

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	-13.4	-1.7	13.1	16.5
Employment	-6.4	-1.8	3.5	8.4
Wage Rates	13.9	5.9	10.2	10.1
Wage & Salary Income	6.7	4.0	14.0	19.4
Productivity of Labor	-8.9	1.6	6.2	3.5

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	3.95	3.10	2.95	3.94	5.82
Employment	4.48	3.96	3.81	4.07	5.19
Wage & Salary Income	3.69	3.48	3.22	3.68	5.23

Figure C-1

Alabama Construction Output Growth Rates Actual and Inflation-Adjusted, 1978-1981
(Percent)



Data Points

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Actual	8.8	.3	3.6	-8.8	-3.5	15.8	18.8	19.1	21.2	25.3	25.6	24.2	21.7	23.2
Infl-adj.	.3	-12.2	-8.6	-18.0	-9.7	6.9	11.4	10.2	14.5	16.4	17.4	17.5	15.8	15.4

witness a change in the status quo as trade slips behind the finance, insurance and real estate sector in importance to both economies.

While there are notable similarities in the performance of the trade sector in the state and national economies, differences in the structures of the two economies should be kept in mind. In spite of following national trends, trade has not been and is not anticipated to be as important to the Alabama economy as to the nation's. This situation is due in part to the above-average dependence of the Alabama economy upon manufacturing. The trade sector in Alabama should register impressive gains during the 1980s, in some years marking growth in contribution to the state's economy at more than twice the national average for trade.

Trends in the Trade Sector, 1978-1981

The prerecession years 1978 and 1979 followed by two years of recession provided the Alabama trade sector with a roller-coaster ride. Alabama's trade sector largely followed the nation's during the four years but fell to deeper troughs and rose to less lofty crests. In 1978 Alabama's trade sector increased its output in real (inflation-adjusted) terms by 2.5 percent, compared to a national average increase for trade of 4.9 percent. In 1979 the state's trade sector increased by only 1.0 percent in real terms while the nation averaged 2.5 percent growth. Nationally output in the trade sector declined 2.1 percent in 1980 but the slide in Alabama trade was more than twice that, declining by 4.9 percent. The trade sector nationally rebounded by 3.1 percent in 1981, but Alabama's trade sector could manage a rebound of only 1.3 percent that year.

A downturn in employment in the Alabama trade sector was not evident until 1980. The trade sector employed more than 269,000 workers in 1978, increasing to more than 275,000 in 1979. Stagnant performance by trade had caught up with employment by 1980 with about 2,500 trade jobs being lost that year. Employment in the Alabama trade sector declined by another 1,000 jobs in 1981. In terms of share of employment, the trade sector held relatively constant over the four-year period. In 1978, 16.3 percent of total Alabama employment was in trade. This increased to better than 16.4 percent in 1979 but fell to just above 16.3 percent in 1980, increasing only slightly in 1981. In spite of increases in average wages paid over the 1978-1981 period, the state's trade sector declined in importance as a source of wage and salary income during each of the four years. In 1978 about 9.8 percent of total wage and salary income was derived from trade; in 1981 the sector's share of total wage and salary income slipped to 8.6 percent.

The Trade Outlook, 1982-1991

The trade sector in both the Alabama and national economies is projected to climax in importance to the economies during the 1980s. The apex for the trade sector is anticipated to occur in 1983 when trade is to account for 16.36 percent of Alabama GSP; on the national scene the apex for trade is projected for 1990 at 16.86 percent of GNP. The earlier peak in Alabama's trade sector is due more to an anticipated renewal of vigor in the state's manufacturing sector and greater growth in other sectors of its economy, notably the finance, insurance and real estate sector, than to a lackluster performance by the trade sector during the late 1980s. In fact, Alabama's trade sector is projected to increase its output at rates matching or exceeding national growth for trade throughout the 1980s and into the 1990s. Both the recent past and the future outlook for the trade sector are indicated in Table T-1.

Output in the Trade Sector

The output of the trade sector in Alabama bottomed out in 1980 at $2.9 billion in constant 1972 dollars. A strong rebound in trade is not anticipated until 1983 when output should reach above $3.1 billion in constant dollars and output growth should be at 5.4 percent. This is also the first year that output in constant dollars is expected to exceed 1979's output level for trade. By 1989 output by the state's trade sector should top $4 billion, and trade output is projected to reach beyond $4.5 billion by 1991, also measured in constant dollars.

Alabama's trade sector was more heavily damaged by the recession than was the nation's trade sector, as shown in Figure T-1. While 1980 was the worst year for trade in both economies, growth in Alabama's trade sector was more stunted by the recession than trade nationally and

Table T-1

The Outlook for Trade, 1979-1991

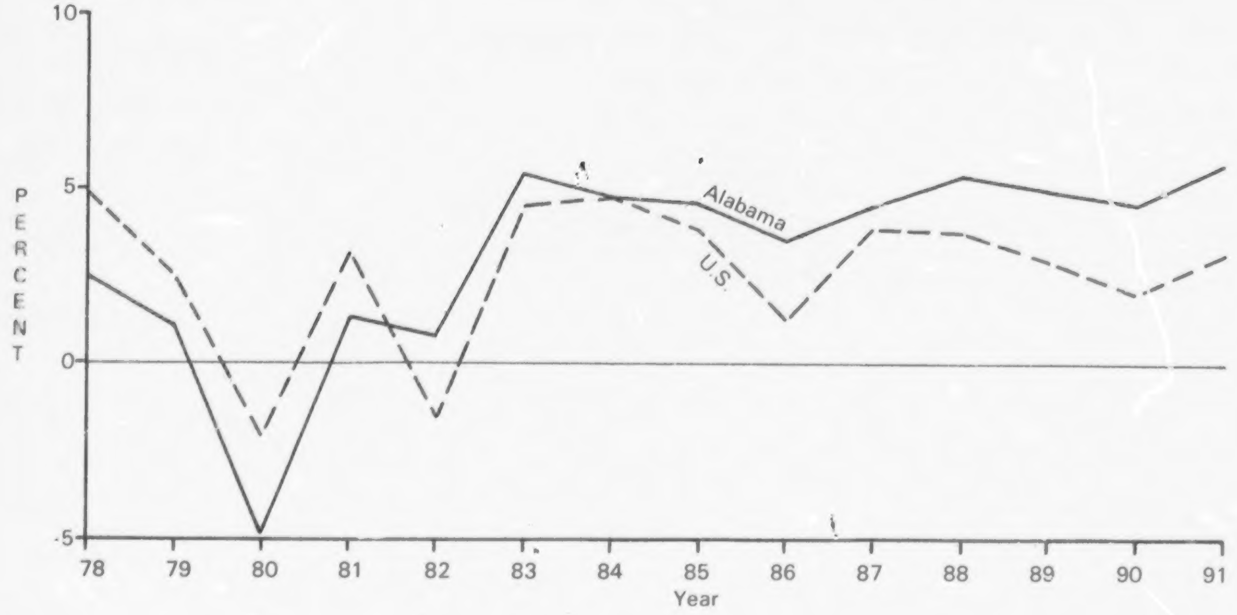
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	3.054	2.942	3.124	3.705	4.536
Employment (thousands)	275.795	272.221	292.176	333.239	371.117
Wage Rates (thousand $s)	9.306	10.065	11.641	16.484	22.143
Wage & Salary Income (bil $s)	2.566	2.740	3.401	5.493	8.218
Productivity of Labor	1.880	2.026	2.074	1.916	1.845

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	-1.8	3.0	4.4	5.2
Employment	-0.6	3.6	3.3	2.7
Wage Rates	4.0	7.5	9.1	7.6
Wage & Salary Income	3.3	11.4	12.7	10.6
Productivity of Labor	3.8	1.2	-2.0	-0.9

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	15.51	15.67	16.36	15.83	15.54
Employment	16.44	16.36	17.49	18.55	19.06
Wage & Salary Income	9.73	8.61	9.12	9.98	10.43

Figure T-1

Growth Rates for Alabama and U.S. Trade Sectors
(Adjusted for Inflation)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Year	2.5	1.0	-4.9	1.3	.7	5.4	4.8	4.6	3.5	4.5	5.4	5.0	4.6	5.7
Ala.	4.9	2.5	-2.1	3.1	-1.5	4.5	4.8	3.8	1.2	3.9	3.7	2.9	2.0	3.1

the state's trade sector did not rebound as strongly in 1981. However, a reversal of this relationship should begin in 1982. Although growth in constant terms in output by Alabama's trade sector should amount to a modest 0.7 percent, trade nationally is expected to experience a decline in growth of 1.5 percent. During the post-recovery years of the late 1980s and continuing into the 1990s, Alabama's trade sector is projected to outpace its national counterpart consistently.

Employment in the Trade Sector

Trade is an important source of jobs for both the state and the nation. In Alabama trade ranks behind only manufacturing and government and just ahead of services in share of wage and salary jobs. Trade employment in 1982, at 275,000 jobs, had overcome earlier losses of about 2,500 jobs from the 1979 prerecession employment level. Employment by the trade sector is projected to increase rather modestly but nonetheless consistently throughout the 1983-1991 forecast period. Trade employment is projected to top 300,000 jobs in 1984 and reach above 370,000 by 1991.

The largest rates of increase in trade employment in Alabama are expected in the early 1980s as the sector undergoes recovery in earnest. At 6.2 percent growth, trade employment in 1983 is forecast to increase at a rate five times greater than the projected growth in Alabama total employment. Employment growth in trade is forecast above 5 percent for 1984 and above 3 percent for 1985 before settling into a growth pattern of between 2 and 3 percent in the post-recovery period. Alabama total employment by contrast is projected to grow at a bit below or just above 2 percent during each of the post-recovery years.

Consistent employment gains above the state average for total employment are to boost the trade sector's share of employment throughout the 1982-1991 forecast period. The slight decline in trade's share of employment seen during the recession years is offset fully by 1982 at 16.7 percent of total employment in Alabama. By 1983 trade should account for almost 17.5 percent of total state employment, increasing above 18.1 percent in 1984. By the end of the forecast period, trade employment should reach near 19.1 percent of total state employment, rivaling but still a bit below the projected share of total employment claimed by the manufacturing sector.

Wages in the Trade Sector

Wages paid workers in the trade sector overall have traditionally placed in the lower end of the wage spectrum. The major contributor to this situation is the nature of retail trade employment vs. wholesale trade employment. Employees in the retail sector, which dominates the trade sector as a whole, generally are not required to have special skills or advanced training. Wages typically are near the minimum-wage level. On the other hand, wages paid in the wholesale sector, which does not rely on a large work force to service customers, tend to be much more competitive with other sectors of the economy. Average wages paid in the wholesale sector nationally are generally twice the average wage earned by retail workers.

Employees in the Alabama trade sector earned an average $10,770 in 1982, ahead of only farm workers ($4,500), services workers ($9,460), uniformed military ($9,490), and apparel manufacturing workers ($9,210). This relationship is expected to hold until 1986 when average wages paid furniture manufacturing workers are to slip behind average trade wages. However, the difference is slight--about $25. But the difference in wages between the two sectors should increase in following years. Workers in both sectors should average earnings above $15,000 by 1986. Average wages in the trade sector should top $20,000 by 1990 and reach beyond $22,000 by 1991.

Alabama trade wages are projected to grow at rates below the average for total personal income growth throughout the forecast period. Trade workers should see the biggest boost in their paychecks during 1985, with earnings projected to increase by 11.1 percent, only slightly behind total personal income growth of 11.2 percent for the year. However, personal income growth is not projected below 8.6 percent for any year in the forecast, whereas growth in trade wage rates should settle into the mid-7 percent range by the end of the 1980s. Personal income is projected to increase at a rate of 9.7 percent in 1991, while growth in trade wages is projected a full two points lower for the year.

Income in the Trade Sector

Total wage and salary income derived from trade amounted to almost $3 billion in 1982 in Alabama. Income from trade is expected to reach beyond $4 billion by 1985, $5 billion by 1987, $6 billion by 1988, $7 billion by 1990 and $8 billion by 1991. Growth in wage and salary income from the trade sector in 1982 should amount to an 8.2 percent increase over the 1981 level. Recovery in the trade sector is reflected in income growth rates for 1983 through 1985. Growth in both 1983 and 1985 is projected at 14.8 percent while the figure for 1984 is 13.6 percent. As trade enters a post-recovery period during the mid and late 1980s, wage and salary income growth should settle into an annual pattern of 10 to 11 percent annually. Such performance will place the trade sector among the leading sectors in income growth.

Because of a higher-than-average rate of growth during the 1980s, the trade sector can be expected to increase in importance as a source of personal income for Alabamians. Trade claimed less than 9 percent of the state's total personal income during 1982. Trade's share of income should exceed 9 percent by 1983 and reach 10 percent by 1988. However, trade's status as the most important source of income for Alabamians behind manufacturing and government should remain unchanged throughout the forecast period. The manufactring sector is forecast to remain nrivaled as the state's chief source of income, although the gap between the contribution of manufacturing and trade should narrow as the decade progresses. This is illustrated in Figure T-2.

Productivity in the Trade Sector

The productivity of labor is derived by comparing the value of output produced and wages paid. Labor productivity in Alabama's trade sector exhibited wide fluctuations during the recession years. Productivity declined each year during 1978-80, hovering near $1.50 in output for each dollar of wages, despite job losses of about 2,500. Productivity in 1981 rocketed to more than $2.00 for each dollar of wages, an increase of 10.3 percent over the previous year. Trade productivity should also increase in 1982 by 3.8 percent but then enter a long period of decline enduring at least to the end of the forecast period. The largest decline is projected to be 3.7 percent in 1985. No other major sector of the state's economy is projected to experience continuous declines in labor productivity during the 1982-1991 period.

Retail Trade

Recession can effect the retail trade sector directly and indirectly. A recession characterized by high interest rates, such as this one has been, extinguishes demand for "big ticket" consumer durables, such as automobiles and large appliances. The slump in construction also has impacted lumber and hardware sales. Indirectly, high unemployment experienced in Alabama and stagnant wage rates combine to reduce growth in personal income. With fewer dollars to spend, retail sales decline and bring a corresponding decline in sales tax collections by state and local government.

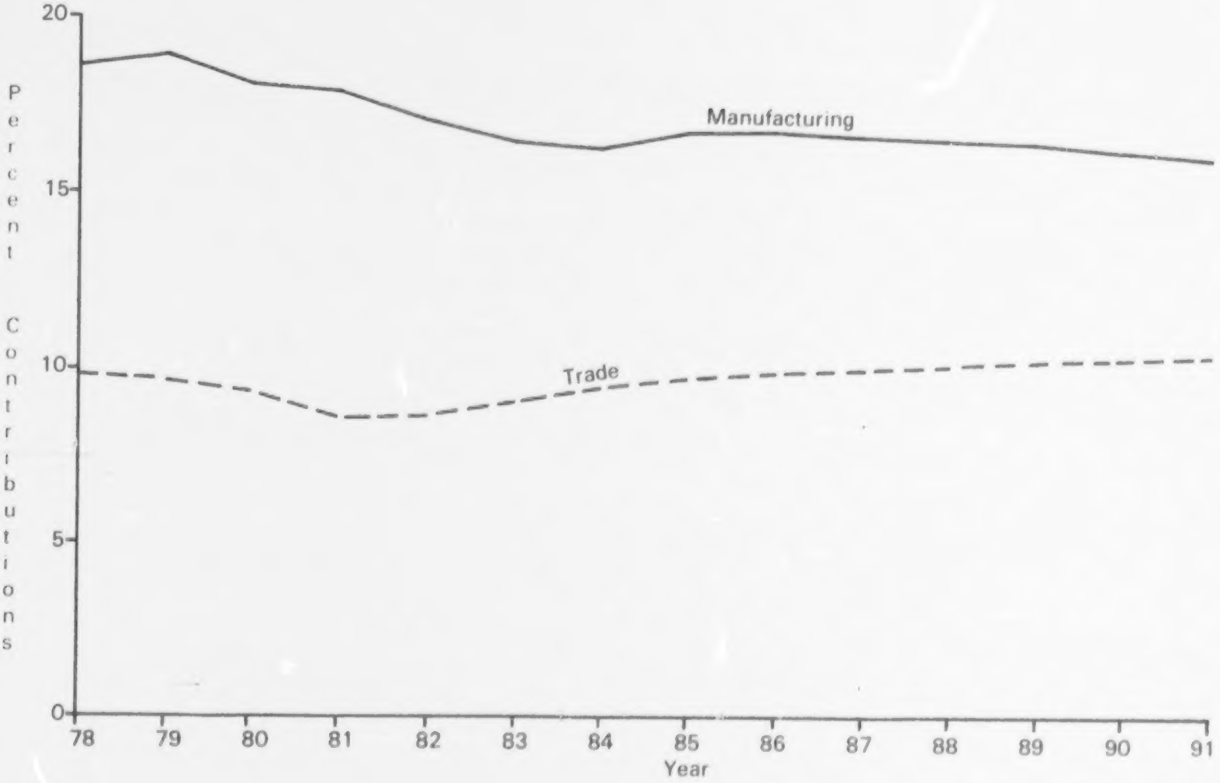
As indicated in Figure RT-1, the recession years 1980 through 1982 were hard ones for Alabama retailers. Growth in retail sales plummeted from 9.5 percent in 1979 to 1.5 percent in 1980. Although rebounding to a modest 7.1 percent growth level in 1981, retail sales growth again fell sharply in 1982 to 2.9 percent. Overall retail sales growth during the three-year period averaged 5.0 percent annually.

Adjusting retail sales for inflation during the three years makes the situation more dismal. This adjustment reveals that retail sales were near zero growth during 1978-79 and then experienced three years of sales declines. The average annual decline in retail sales for the period 1980-82 amounted to 1.5 percent with 1980 being the worst of the three years. A decline of 8.1 percent was seen in adjusted retail sales in 1980 from the 1979 level.

The outlook for rapid recovery in the retail trade sector is bright. Total sales in 1983 are projected to surpass the 1982 level by $2.7 billion to mark an increase of 12.5 percent. Sales are forecast to increase an average of 12.3 percent annually for the five years 1983-87. After adjusting for inflation, however, total retail sales are to be below the 1979 level in 1983 but should surpass the prerecession level in 1984. Adjusted for inflation, the average annual rate of growth in retail sales is forecast at 5.7 percent for 1983-87. The outlook is even brighter for retail

Figure T-2

Contribution of Manufacturing and Trade to Alabama Total Personal Income

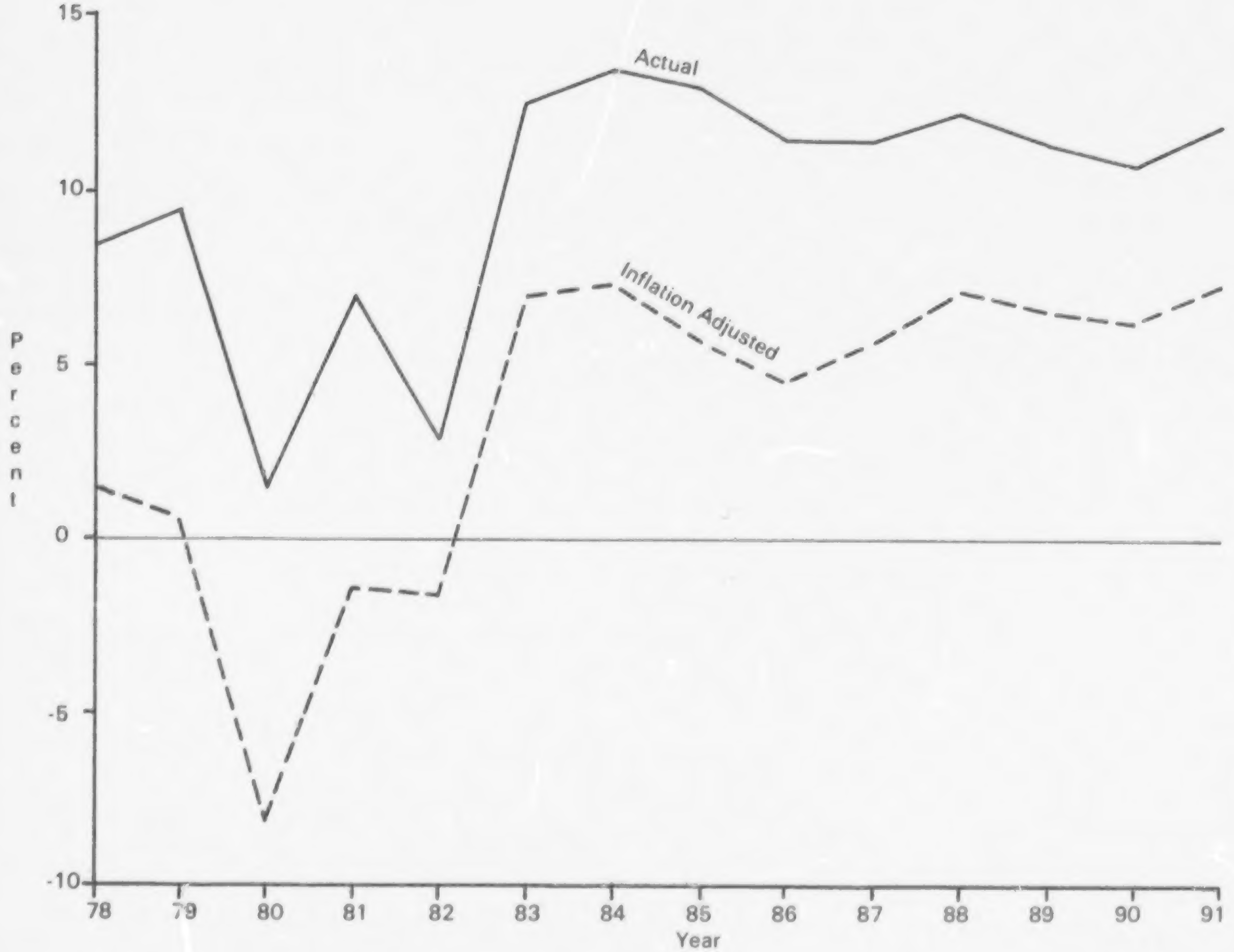


Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Mfg.	18.7	18.9	18.1	17.9	17.0	16.4	16.3	16.7	16.7	16.6	16.5	16.4	16.2	16.0
Trade	9.8	9.7	9.4	8.6	8.7	9.1	9.5	9.8	9.9	10.0	10.1	10.2	10.3	10.4

Figure RT-1

Alabama Retail Trade Growth Rates
Actual and Inflation-Adjusted 1978-1991



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
Act.	8.5	9.5	1.5	7.1	2.9	12.5	13.4	12.9	11.4	11.4	12.2	11.3	10.7	11.9
Inf. Adj.	1.5	.6	-8.1	-1.4	-1.6	7.0	7.3	5.6	4.5	5.8	7.1	6.5	6.2	7.3

sales in the final four years of the forecast, 1988-91. Inflation-adjusted retail sales should increase an average 6.8 percent each year during this period.

As Table RT-1 indicates, no major category in the retail trade sector escaped the recession without a slowdown or even a setback in growth. The automotive, lumber, and hardware categories particularly were hard hit by recession. Recession for the automotive category actually began in 1979 with a decline of 0.1 percent in sales over the 1978 level. Automotive sales declined further by 11.7 percent in 1980, rebounded with 8.7 percent growth in 1981 but fell again in 1982 by 2.0 percent. Recovery is projected to be robust in the automotive category with growth averaging 20.0 percent annually for the period 1983-87. The lumber category, which averaged growth of only 1.4 percent annually for 1980-82, also should rebound strongly beginning in 1983. For the hardware category the recession began in 1979. Hardware sales for 1979-81 averaged an annual decline of 4.3 percent. Recovery in hardware sales, however, is projected to begin strongly in 1982.

The effects of recession are also reflected in Table RT-2, which presents retail sales by category share. The automotive category claimed the largest share of the Alabama retail sales dollar in 1978 but slipped behind the food category in share of sales in 1979. The automotive category is not forecasted to regain the top spot in share of retail sales until 1987. Overall trends in share of retail sales by category through 1981 call for declines in shares by the general merchandise, general stores, and hardware categories. Besides automotive, the lumber category is also projected to increase its share of retail sales through the forecast period. Shares by most other categories should be generally stable.

SERVICES: THE SIGN OF A MATURING ECONOMY

Recent Trends in Services

The service industries include establishments primarily engaged in providing a wide variety of services for individuals, business and government. Among these are hotels; establishments providing personal, business, repair, and amusement services; health, legal, engineering, and other professional services; educational institutions; membership organizations; and other miscellaneous services.

Alabama's service industries have on balance weathered the recession pretty well, with a real output decline of less than 1.0 percent noted in 1980, the industry's worst year. Only the telecommunications industry has done better than services. With a 9.5 to 10.0 percent share of total real gross state output, services is an important component of the Alabama economy. While other industries were suffering significant employment declines, service employment increased by 15,142 people from 1978 to 1982.

Service employment has grown an average of 1.4 percent annually between 1978 and 1982. In 1978 services accounted for 15.49 percent of all Alabama employment. By 1982 services employed 16.41 percent of all workers. However, while service activity has not declined, service average annual wage rates remain among the lowest in Alabama.

Service employees received an average annual wage of $6,924 in 1978, rising to $9,457 in 1982. Only federal military wages were lower. Though wages are low, recent annual growth rates have remained strong averaging 8.1 percent per year for the past 5 years. Output per dollar of wage has remained about constant indicating productivity has risen to offset wage gains.

Services Outlook

Both the recent past and projected trends for Alabama's service industries are indicated in Table S-1. Real output in services is expected to grow at an average rate of 2.5 percent through 1991, as illustrated in Figure S-1. Following this track, service employment will rise from 270,948 persons in 1982 to 276,779 in 1991, an increase of 5,831 workers. Should this forecast hold, service as a percent of total employment would decline from 16.4 percent in 1982 to 14.2 percent in 1991. While one might think that a maturing economy should be moving more to the service industries, Alabama has been on this downward trend for many years. In 1969, service employment accounted for 15.9 percent of total employment in Alabama. By 1979, the service share had declined to 15.2 percent. The jump in 1982 to 16.4 reflects the sharp decline

Table RT-1

Alabama Retail Trade Growth Rates by Sector 1978-91 (Percent)

	1979	1981	1983	1987	1991
Total	9.5	7.1	12.5	11.4	11.9
Food	11.8	7.0	10.1	7.6	7.2
General Stores	22.5	16.5	0.0	1.9	1.6
General Merchandise	8.3	9.4	8.9	8.4	8.9
Apparel	7.8	5.5	12.1	9.8	8.9
Furniture	11.1	-3.0	13.2	10.6	10.1
Automotive	-.1	8.7	22.2	16.2	16.2
Gasoline	16.9	5.3	8.5	10.8	11.0
Lumber	6.9	-3.8	19.2	23.0	21.3
Hardware	-.5	-.6	12.2	9.0	8.6
Eating Places	12.1	6.9	12.2	11.6	11.0
Drug Stores	12.3	5.4	9.4	8.9	8.1
Other Retail	11.9	7.7	11.9	11.2	11.7
Non-retail	3.1	9.0	12.1	9.9	10.6

Table RT-2

Alabama Retail Trade, Category Share of Total (Percent)

	1979	1981	1983	1987	1991
Total*	100.0	100.0	100.0	100.0	100.0
Food	15.7	17.2	17.9	16.1	13.8
General Stores	1.2	1.5	1.2	.9	.6
General Merchandise	10.1	10.5	9.4	8.2	7.3
Apparel	2.4	2.3	2.3	2.2	2.0
Furniture	2.7	2.5	2.8	2.8	2.6
Automotive	14.1	12.4	12.8	16.7	19.8
Gasoline	5.4	6.7	6.3	6.1	5.9
Lumber	4.7	4.1	4.5	6.4	9.2
Hardware	2.2	1.8	2.0	1.9	1.7
Eating Places	4.7	5.0	5.7	5.6	5.4
Drug Stores	2.1	2.2	2.3	2.1	1.8
Other Retail	11.2	11.8	12.1	11.7	11.5
Non-retail	21.6	21.9	20.6	19.3	18.3

*Parts may not sum to total due to rounding.

Table S-1

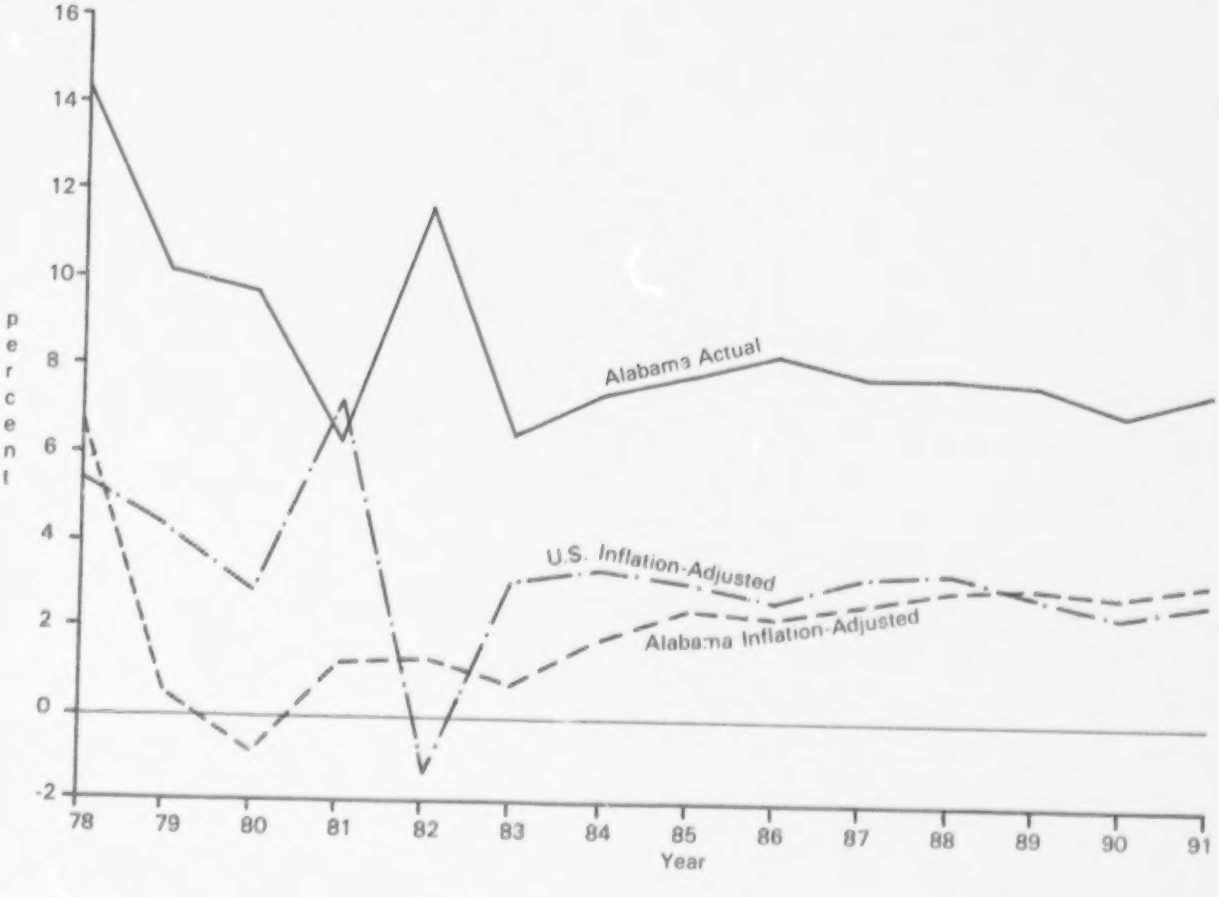
The Outlook for Services, 1979-1991

	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	1.831	1.838	1.876	2.054	2.317
Employment (thousands)	256.188	266.681	268.354	264.930	276.779
Wage Rates (thousand $s)	7.644	9.451	10.329	14.749	19.445
Wage & Salary Income (bil $s)	1.958	2.520	2.772	3.907	5.382
Productivity of Labor	1.583	1.435	1.551	1.491	1.452

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	0.2	1.0	2.3	3.1
Employment	2.0	0.3	-0.3	1.1
Wage Rates	11.2	4.5	9.3	7.2
Wage & Salary Income	13.4	4.9	9.0	8.3
Productivity of Labor	-4.8	4.0	-1.0	-0.7

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	9.30	9.79	9.82	8.78	7.94
Employment	15.27	16.02	16.07	14.74	14.22
Wage & Salary Income	7.42	7.92	7.44	7.10	6.83

Figure S-1
U.S. and Alabama Services Output Growth Rates
Actual and Inflation-Adjusted, 1978-1991
(Percent)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL Actual	14.3	10.1	9.7	6.3	11.7	6.5	7.4	7.9	8.4	7.9	7.9	7.8	7.1	7.7
AL Infl.-Adj.	6.7	.5	-.8	1.2	1.3	.7	1.8	2.5	2.3	2.6	3.0	3.1	2.9	3.2
U.S. Infl.-Adj.	5.4	4.3	2.8	7.2	-1.3	3.0	3.4	3.1	2.7	3.3	3.4	2.9	2.5	2.8

in employment in manufacturing.

Service wages will continue to grow at a moderate rate. In 1982 the average wage rate was $9,457 per year. Average annual wages are projected to rise to only $19,445 by 1991. On this basis, service wage and salary income as a percent of total wage and salary income will drop from 7.5 percent in 1982 to 6.8 percent in 1991. The productivity of labor as measured by the dollar value of output per dollar of wage will hold relatively constant, averaging about 1.5 for the decade.

These forecasts are predicated on the historical structure of Alabama's industrial and commercial resources. If business, industry, and government in Alabama team up to move the economy toward high value-added industries and away from such low value-added industries as textiles and apparel, the outlook for services could change dramatically.

FINANCE, INSURANCE AND REAL ESTATE: LONG TERM GROWTH ON THE HORIZON

Alabama's finance, insurance and real estate sector, like other sectors in the economy whose performance is affected by interest rates, experienced some setbacks during the 1980-82 recession. After adjusting for inflation, output fell slightly as did employment. But the losses were not as severe as those seen in the manufacturing and trade sectors. And unlike those sectors, recovery in the state's finance, insurance and real estate sector is projected to be sustained over a longer period of time.

Recent Trends in Finance, Insurance and Real Estate

Measured in constant 1972 dollars, output in the state's finance, insurance and real estate sector declined by 0.2 percent in 1980 over 1979's $2.4 billion level of output. After dividing this sector into banking and nonbanking components, the decline was absorbed wholly by the larger nonbanking portion, which fell by 0.7 percent to offset growth of 1.3 percent by the banking component. The following year, however, the banking component exhibited no growth while nonbanking overcame the earlier loss with 2.9 percent growth in inflation-adjusted output. Output growth for the finance, insurance and real estate sector as a whole was 2.1 percent in 1981 to an output level of $2.45 billion. No other declines in output were evident in the recession years. By comparison the finance, insurance and real estate sector nationally increased its inflation-adjusted output by 3.9 percent in 1980 and 3.0 percent in 1981.

Alabama's finance, insurance and real estate sector escaped the declines in employment seen by the state as a whole in 1980 and 1981 but did lose jobs in 1982. However, the decline of 0.2 percent was not as severe as for the state as a whole, which saw employment decline 0.8 percent in 1982. And in spite of the decline in employment, the finance, insurance and real estate sector slightly increased its share of total employment in Alabama in each recession year. At 59,650 employed, the finance, insurance and real estate sector accounted for 3.6 percent of total Alabama employment in 1982, an increase of 0.02 percent over the 1981 share of total employment.

Wage rates in the finance, insurance and real estate sector are not particularly high. At average earnings of $15,222 in 1982, workers in the state's finance, insurance and real estate sector placed above those in farming, state and local (but not federal civilian) government, federal military, trade, and service sectors. This relationship was also seen nationally. However, workers in the finance, insurance and real estate sector for the U.S. as a whole averaged earnings of $16,466 in 1982. By component at both the U.S. and state level, workers in nonbanking had higher average earnings than those in banking. In Alabama, nonbanking employees, with average annual earnings of $16,400, earned $3,500 more, or 27.3 percent, than banking employees. Nationally the earnings advantage of nonbanking workers over banking workers was 16.7 percent. Earnings in the state showed more stable growth than did earnings nationally over the period 1978-82, averaging 7.8 percent annually. Earnings nationally averaged annual increases of 7.6 percent during the five-year span.

The finance, insurance and real estate sector declined in importance as a source of wage and salary income for Alabamians during 1979 through 1982 in spite of increasing in share of total employment. The decline in contribution of income over the span of the four years, however, was less than one-half of one percent. The finance, insurance and real estate sector, at a level of $908 million, accounted for 2.7 percent of 1982 total personal income in Alabama. By component, nonbanking at 1.9 percent, accounted for more than twice the contribution of banking to total personal income.

The productivity of labor for finance, insurance and real estate is higher than any other sector of the state's economy. Labor productivity--the value of output per dollar of wage--was $5.37 in 1982. Its closest rival in the state was the mining sector with a labor productivity rate of $2.60 in 1982. Labor productivity in the finance, insurance and real estate sector declined in 1978 through 1980 but marked increases in 1981 and 1982.

Finance, Insurance and Real Estate Outlook

The 1980s are projected to bring a change in the status of the finance, insurance and real estate sector in the Alabama economy, as indicated in Table F-1. This sector is projected to overtake the trade sector in share of inflation-adjusted output by 1990 to become second only to manufacturing in contribution to total output. Output in constant 1972 dollars is projected to increase from 1982's $2.49 billion to reach $4.40 billion by 1990, increasing in share of output from 13.57 percent in 1982 to 15.99 percent in 1990. The share of output by the state's trade sector by comparison is forecast to change from 1982's 16.14 percent to 15.59 percent by 1990. This represents growth in the 1980s at twice the national average for finance, insurance and real estate. Past and projected output growth patterns are detailed in Figure F-1.

Employment in the finance, insurance and real estate sector is projected to increase twice as rapidly as total employment for the state. Such growth will yield a gradually increasing share of employment for the sector over the span of the decade, topping 4.0 percent of total employment by 1988 and reaching 4.3 percent by 1991. In numbers of workers, finance, insurance and real estate employment is projected to top 60,000 by 1983, 70,000 by 1987 and 80,000 by 1990. The bulk of the increase is expected to occur in the nonbanking component, projected to increase by 21,000 jobs over the 1982-1991 span compared to an employment increase of about 3,700 for the banking sector.

Consistent but rather modest increases in average annual earnings are projected through the 1980s for Alabama's finance, insurance and real estate sector. Nearly equal growth rates in wages will hold average earnings in the banking component at 70 to 80 percent of average nonbanking earnings throughout the forecast period. Earnings in the finance, insurance and real estate sector for 1991 are projected at about twice the average 1982 earnings in the sector. Earnings growth for the sector at the state level is projected somewhat higher than for the national level, especially in the latter years of the forecast.

Steady growth in employment coupled with consistent performance in income growth will yield the state's finance, insurance and real estate sector greater importance as a source of personal income during the 1980s. In share of total personal income generated, the sector is projected to increase from the 2.7 percent seen in 1982 to top 3.0 percent by 1988, at a level of $1.8 billion, increasing in share to almost 3.3 percent of total personal income by 1991. Growth in each year after 1984 in the state's finance, insurance and real estate sector is projected at 12 percent or above. Such growth will place the sector among the leaders in personal income growth, ahead of the large manufacturing, trade, government, and services sectors.

The finance, insurance and real estate sector should maintain its position as a leader in productivity of labor, but stagnant growth in productivity will allow the mining sector to become a rival for the top slot during the late 1980s. The productivity value for finance, insurance and real estate is forecast at $5.37 in 1990, compared to a forecasted 1990 productivity value for mining of $5.38. Values forecasted for the following year are $5.40 for finance, insurance and real estate, and $5.57 for mining.

Trends in the Financial Sector

Conditions that emerged during the late 1970s and early 1980s have turned the financial world topsy-turvy. The availability of high earnings even for the small investor led consumers to flee their traditional banking methods, as well as traditional banking institutions that by regulation could not compete with the new, high-yielding opportunities. A mood to liberalize or lift regulations developed as a means of preserving traditional banking in some form. Yields have peaked as the Federal Reserve Board eased the restrictive monetary policies that contributed to the severity of the 1980-82 recession. Tight money policies do appear to have cooled inflation however, and a return to annual inflation rates as measured by the Consumer Price Index above

Table F-1

The Outlook for Finance, Insurance, and Real Estate, 1979-1991

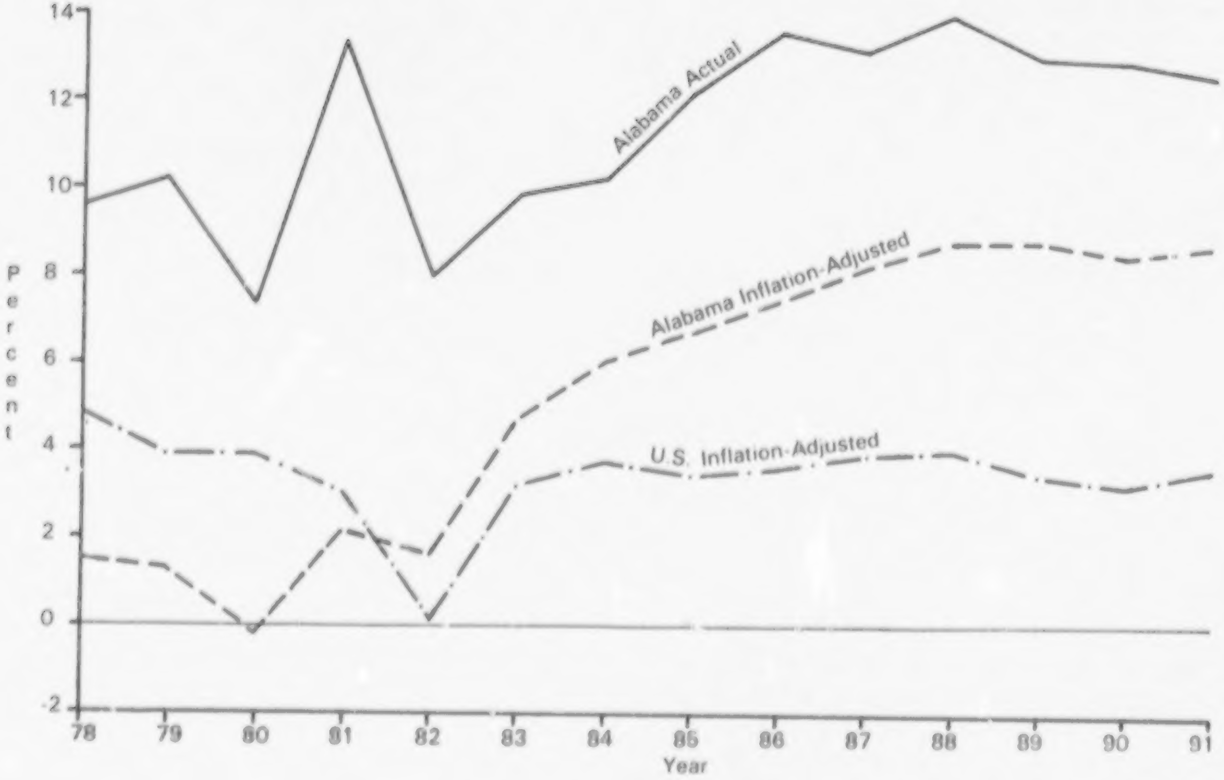
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	2.405	2.452	2.607	3.428	4.785
Employment (thousands)	58.540	59.776	61.197	70.644	84.323
Wage Rates (thousand $s)	12.194	14.209	16.483	22.906	30.598
Wage & Salary Income (bil $s)	.714	.850	1.009	1.618	2.580
Productivity of Labor	5.196	5.308	5.309	5.253	5.396

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	1.0	3.1	7.1	8.7
Employment	1.0	1.2	3.6	4.5
Wage Rates	7.9	7.7	8.6	7.5
Wage & Salary Income	9.1	9.0	12.5	12.4
Productivity of Labor	1.1	0.0	-0.3	0.7

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	12.22	13.06	13.65	14.65	16.39
Employment	3.49	3.59	3.66	3.93	4.33
Wage & Salary Income	2.70	2.67	2.71	2.94	3.27

Figure F-1

U.S. and Alabama Finance, Insurance and Real Estate Output Growth Rates, Actual and Inflation-Adjusted, 1978-1991
(Percent)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL Actual	9.6	10.2	7.4	13.3	8.0	9.9	10.2	12.2	13.5	13.1	14.0	13.0	12.9	12.6
Al Infl.-Adj.	1.5	1.3	-.2	2.1	1.6	4.7	6.0	6.7	7.4	8.2	8.8	8.8	8.5	8.7
U.S. Infl.-Adj.	4.8	3.9	3.9	3.0	.1	3.2	3.7	3.4	3.6	3.9	4.0	3.5	3.2	3.6

10 or even 9 percent is not anticipated through 1991. In fact, the country appears to be on the threshold of achieving the elusive goal of low inflation and low unemployment. Inflation should be at or below the 6 percent level by 1988 while unemployment nationally should be edging toward the 6 percent level. Unemployment for the state, however, is projected substantially above the national jobless rate through most of the 1980s, not dipping below 10 percent until 1988 and closing the decade near 9 percent.

Within the financial sector for the state, financial activity in general was listless during 1978-1982. Growth in commercial bank time and savings deposits fell below 10 percent annually during 1979 through 1981 but recovered to 12.9 percent growth in 1982. Demand deposits in commercial banks showed dismal 1.9 percent growth for 1979 and then experienced three years of shrinking balances. Savings in the state's savings and loan institutions exhibited a severe slowdown in growth in 1981 to 1.0 percent, down from 8.0 percent growth the previous year. Sales of ordinary life insurance were least affected of financial sector components by the recession and showed strong recovery beginning in 1981 from a slight downslide.

Considerable improvement in all components of the state's financial sector are in the forecast. Growth in commercial bank time and savings deposits should rebound strongly in 1983 at 16.6 percent, then settle into an annual growth pattern of 12 to 14 percent into the 1990s. A rebound in commercial bank demand deposits is not anticipated until 1984, which should bring 12.4 percent growth, but recovery above prerecession levels is not expected until 1985. Recovery in this component should also be stronger in 1985 and continue at or above 15 percent until 1989. Recovery by savings in savings and loan institutions should see its beginnings in 1982 but deposits are not anticipated to grow with much vigor until 1985. This component should settle into an annual growth pattern near the 15 percent level very late in the 1980s and into the 1990s. Sales of ordinary life insurance showed remarkable growth in 1981 and 1982 at 21.3 percent and 18.1 percent respectively, and after slumping somewhat during the mid-1980s should settle into annual growth of 15 to 16 percent.

TRANSPORTATION, COMMUNICATIONS, AND PUBLIC UTILITIES: A FOUNDATION FOR GROWTH

Recent Trends in Transportation, Communications, and Public Utilities

Transportation, communications, and public utilities as a commercial sector has weathered the recession about as well as any other in Alabama. However, when one examines the component industries, the real story becomes more apparent. Transportation has suffered real declines for four of the last five years. Public utilities has seen declines in three of the last five. Only the communications industry has kept its head above the waves of the recession. Communications real output has grown every year of the recession, albeit modestly from 1981 to 1982 at 0.5 percent.

Transportation

Transportation in Alabama has suffered the worst of the transportation, communications, and public utilities sectors. With real declines averaging 4.2 percent the last four years, transportation has declined from an output share of 4.1 to 3.7 percent. However, of possibly greater interest is that while real output has fallen rapidly, employment has grown from 34,762 to 36,335 from 1978 to 1982. Wages too have risen from an average annual wage of $14,799 in 1978 to $20,291 in 1982.

Communications

Real output in communications has grown an average of 6.3 percent during the past five years. However, the rate of growth declined steadily as the recession cut deeper and deeper into the economy. From a high of 11.6 percent in 1978, the growth rate fell to 6.7 percent in 1980 and had almost zeroed out at 0.5 percent by 1982. Yet, with other sectors experiencing real declines, the communications share of GSP rose from 3.3 percent in 1978 to 4.2 percent in 1982.

Total employment in communications has shown only modest growth--from 20,517 people in 1978 to 21,605 in 1982. As a result, the communications share of total employment has remained about the same--1.2 percent in 1978 and 1.3 percent in 1982.

Wages have more than kept pace with inflation with growth averaging 8.0 percent over the past five years. The average annual wage increased from $15,329 in 1978 to $21,196 in 1982. As a result, total wage and salary income rose by 10.8 percent a year over the past five years.

Public Utilities

Alabama's public utilities have felt the affects of the recession. Consumers had already begun to conserve when the economy turned down. The combination of declining industrial and commercial output and consumer conservation has resulted in a 1.9 percent decline in output from 1978 to 1982. However, because other sectors were suffering worse, public utilities share of GSP has held at about 1.9 percent for the past four years.

The industry has experienced unemployment though. From a level of 15,570 in 1978, employment contracted to 14,960 by 1982--a loss of 610 jobs. Wages, though, have risen steadily over this period, increasing from an average annual wage of $16,570 in 1978 to $22,215 in 1982.

Transportation, Communications, and Public Utilities Outlook

Transportation

Transportation should see real growth starting in 1983, as shown in Figure TCU-1. Following a 7.7 percent decline in 1982, 1983 transportation real output should rise by 5.3 percent. The current forecast shows continued growth through the decade, averaging a little over 3 percent. No major shift is expected in transportation's share of GSP though it may decline slightly over the decade. Transportation accounted for 3.7 percent of GSP in 1982 and is expected to account for 3.2 percent in 1991. Both the recent economic past and the sector outlook are summarized in Table TCU-1.

Employment should rise slowly from the 1982 level of 36,335 to a high in 1991 of 37,755. This would reflect an average annual growth rate of 0.8 percent. As a result, transportation's share of total Alabama employment is expected to hold at around 2 percent for the ten year period.

Transportation wages currently average $20,291 per year. These should grow at an average annual rate of 8.6 percent with a high of $42,746 in 1991. With wage growth about on par with gains in other sectors, total wage and salary income in transportation will account for about 2 percent of total Alabama wage and salary income by 1991.

Communications

Communications real output is expected to recover rapidly from the recession, as Figure TCU-2 indicates. Currently forecasted to grow by 7.9 percent in 1983, it should average close to 9.0 percent per year for the balance of the decade. As a result, the communications industry will become increasingly important to Alabama with its share of total GSP rising from 4.2 percent in 1978 to 5.9 percent in 1991.

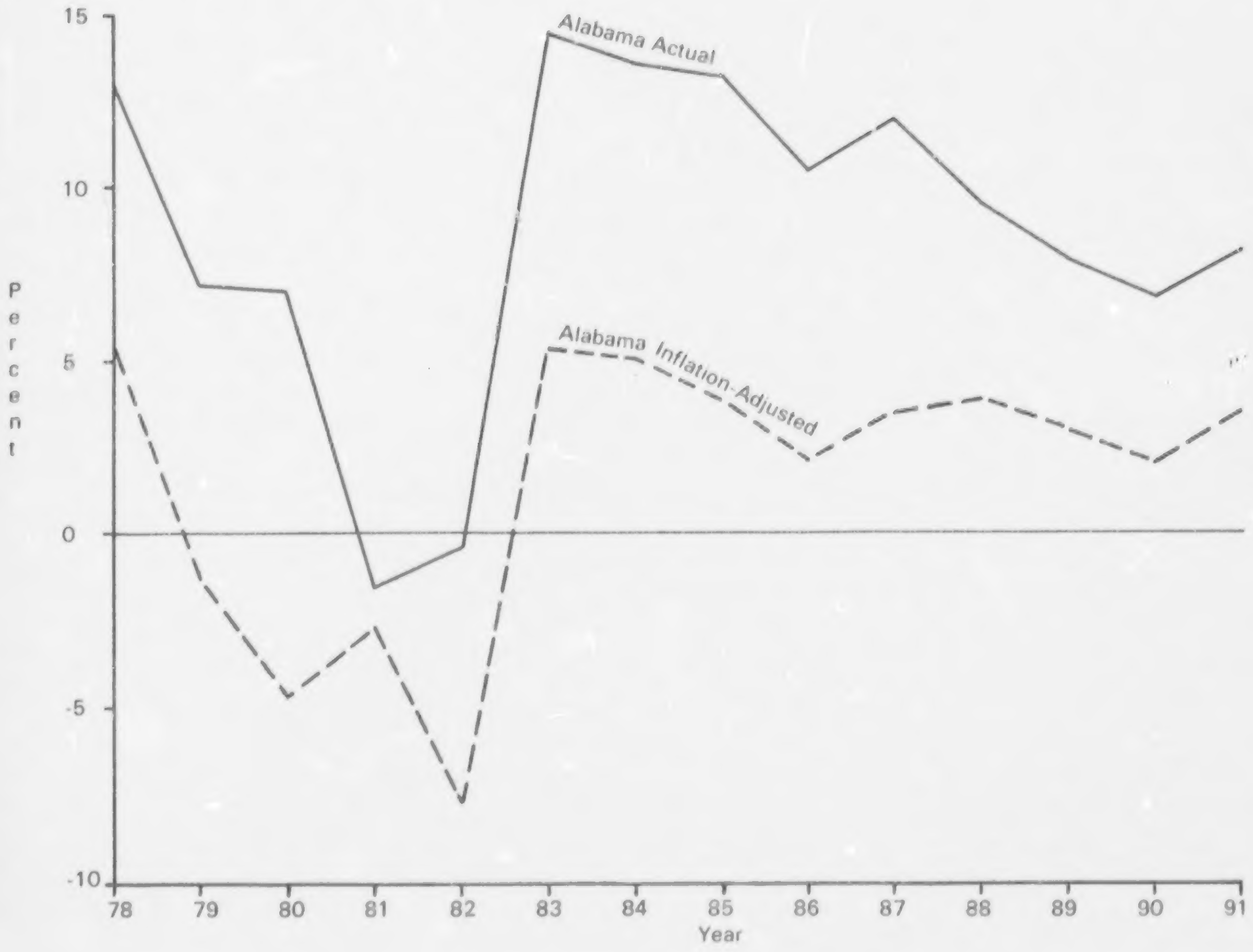
Employment should grow from 21,605 persons in 1982 to 29,002 by 1991, for an increase of 34 percent over the decade. Communications should account for about 1.5 percent of total employment in 1991. Average annual wages, which amounted to $21,196 in 1982 should rise to $45,116 in 1991. This will push the communications share of total Alabama wage and salary income from 1.3 percent in 1982 up to 1.7 percent in 1991. Table TCU-2 presents the outlook for the communications sector.

Public Utilities

Public utilities real output is expected to grow an average of 4.2 percent per year over the decade. Figure TCU-3 illustrates this trend. This will result in the public utilities share of total GSP falling from 2.0 percent in 1982 to 1.8 in 1991. Such a trend is consistent with a growing

Figure TCU - 1

Alabama Transportation Output Growth Rates
Actual and Inflation-Adjusted, 1978-1991
(Percent)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL Actual	13.0	7.2	7.0	-1.5	-.4	4.5	13.6	13.2	10.5	11.9	9.6	8.0	6.9	8.2
AL Infl.-Adj.	5.4	-1.3	-4.7	-2.8	-7.7	5.3	5.1	3.8	2.0	3.4	3.8	2.9	2.0	3.5

Table TCU-1

The Outlook for Transportation, 1979-1991

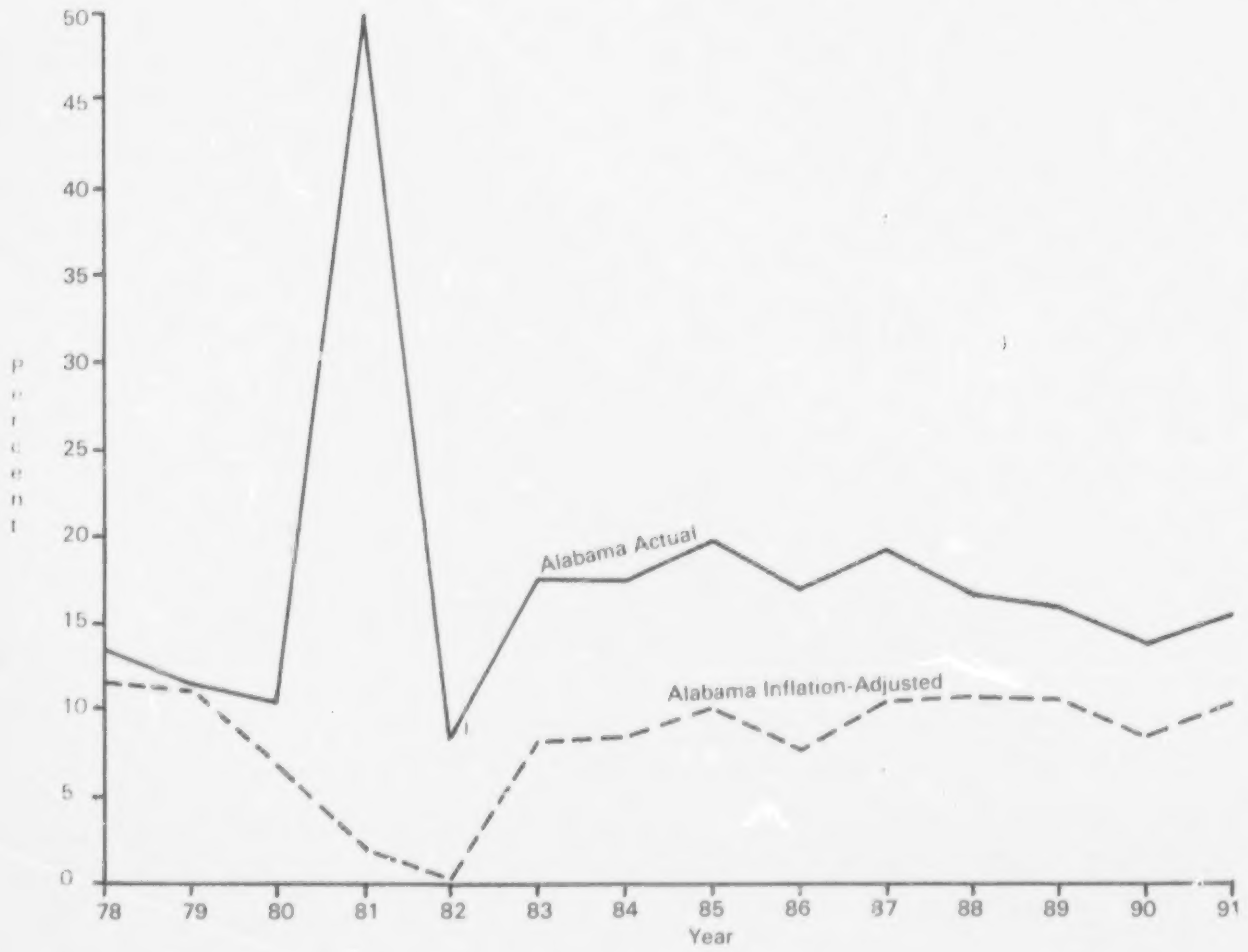
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	.794	.736	.716	.823	.927
Employment (thousands)	35.128	35.079	36.743	37.008	37.755
Wage Rates (thousand $s)	16.251	19.209	21.715	31.319	42.746
Wage & Salary Income (bil $s)	.571	.674	.798	1.159	1.614

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	-3.7	-1.4	3.5	3.0
Employment	-0.1	2.3	0.2	0.5
Wage Rates	8.7	6.3	9.6	8.1
Wage & Salary Income	8.6	8.8	9.8	8.6

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	4.04	3.92	3.75	3.52	3.18
Employment	2.09	2.11	2.20	2.06	1.94
Wage & Salary Income	2.16	2.12	2.14	2.11	2.05

Figure TCU - 2

Alabama Communications Output Growth Rates
Actual and Inflation-Adjusted, 1978-1991
(Percent)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL Infl.-Adj.	11.6	10.9	6.7	2.0	.5	7.9	8.3	9.9	7.7	10.3	10.5	10.3	8.4	10.2
AL Actual	13.8	11.3	10.3	49.9	8.5	17.3	17.1	19.8	16.7	19.2	16.6	15.8	13.6	15.3

Table TCU-2

The Outlook for Communications, 1979-1991

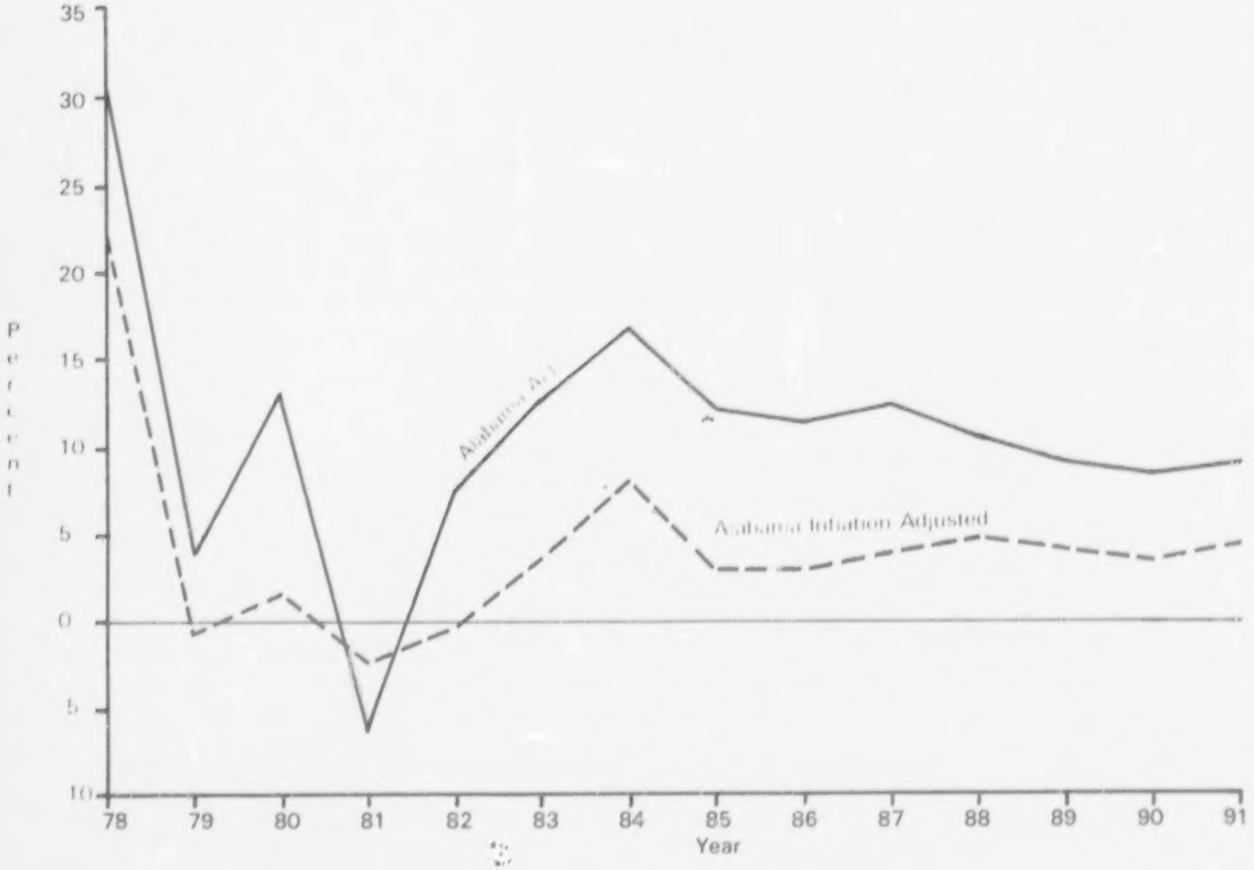
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	.711	.774	.839	1.186	1.725
Employment (thousands)	21.194	21.479	22.195	25.161	29.002
Wage Rates (thousand $s)	16.928	20.226	22.987	33.252	45.116
Wage & Salary Income (bil $s)	.359	.434	.510	.837	1.308

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	4.3	4.1	9.0	9.8
Employment	0.7	1.6	3.2	3.6
Wage Rates	9.3	6.6	9.7	7.9
Wage & Salary Income	10.0	8.4	13.2	11.8

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	3.61	4.12	4.39	5.07	5.91
Employment	1.26	1.29	1.33	1.40	1.49
Wage & Salary Income	1.36	1.36	1.37	1.52	1.66

Figure TCU - 3

Alabama Public Utilities Output Growth Rates
Actual and Inflation-Adjusted, 1978-1991
(Percent)



Data Points	78	79	80	81	82	83	84	85	86	87	88	89	90	91
AL Actual	30.3	3.9	13.1	-6.2	7.4	12.6	16.8	12.2	11.4	12.4	10.6	9.2	8.4	9.3
AL Infl. Adj	22.2	-.7	1.5	-2.3	-.4	3.5	8.0	2.9	2.9	3.9	4.8	4.0	3.5	4.5

industrial and commercial sector.

Employment is expected to increase through the decade. The public utilities share of total employment should rise from 0.9 percent in 1982 to 1.2 percent in 1991. Average annual wages are also expected to grow from $22,215 in 1982 to $48,037 in 1991. This projection of rapid wage gains is based in part on the rapid growth in utility wages seen in the prior decade. Average annual wages rose from $9,144 in 1969 to $22,215 in 1982--a jump of 142 percent or an average of 11 percent per year. As a result, public utility wage and salary income as a percent of total wage and salary income will rise from 1.0 in 1982 to 1.4 percent in 1991. The recent past and the outlook for public utilities are detailed in Table TCU-3.

ENERGY: ONE KEY TO ALABAMA'S FUTURE

Recent Trends in Energy Consumption

As the decade of the 1970s ended, Alabamians joined with other Americans in an era of energy consciousness and conservation. This concern, coupled with the effects of the recession, resulted in an overall decline in total energy consumption in Alabama of 1.1 percent between 1978 and 1982. During the same period the United States saw a modest increase of 5.4 percent.

Among energy sources, only coal posted a net consumption increase during 1978-82. The most marked declines were noted in the use of natural gas, where consumption dropped 21.4 percent between 1980 and 1982; and gasoline, with a net decrease of 19.4 percent during 1978-81. Electricity usage dropped by 5.6 percent from 1980 to 1982.

Alabama's economy became less energy intensive during 1978 and 1979. A decline in the ratio of energy consumption to Gross State Product averaging close to 2 percent annually paralleled a drop in the total United States consumption to Gross National Product ratio. However, during each of the years 1980-82 both economies saw moderate increases in these ratios as the recession resulted in real Gross Product declines.

Energy Consumption Outlook

Total energy consumption is expected to rebound as the economy recovers from the recession in 1983. By 1984, energy consumption is expected to grow at a faster rate in Alabama than in the nation. This trend should continue throughout the forecast period, as shown in Figure E-1. With energy conservation well-established, projected increases in total consumption averaging 4.7 percent during 1983-87 and 5.6 percent in 1987-91 reflect expectations of strong economic growth in the state's industrial and commercial sectors. While overall demands will be increasing, the energy consumption to Gross State Product ratio is expected to decline, by a net 2.2 percent during 1983-91, reflecting price-induced energy conservation. The outlook for energy consumption is summarized in Table E-1.

Among sources of energy, electricity is expected to be the strongest gainer. Relative price increases in other sources, in particular, natural gas, should result in a shift to electricity with average annual gains above 5 percent during 1983-91. Residential, commercial, and industrial customers will all register substantial increases in the consumption of electricity.

Despite a weakening of demand resulting from the recession, natural gas prices have risen rapidly. With accelerated price decontrol to culminate in complete decontrol at mid decade, natural gas prices will continue to show large increases. As a result demand for natural gas is expected to decline through 1987. As prices stabilize late in the decade, modest increases in the demand for antural gas are expected.

Anticipated strong increases in the demand for electricity bode well for Alabama's coal industry as electric utilities are among the major coal users. Increased electricity demand coupled with expected improvement in the coal-intensive steel industry should result in gains in coal consumption averaging 1.9 percent between 1983 and 1987 and 3.2 percent during 1987-91.

Table TCU-3

The Outlook for Public Utilities, 1979-1991

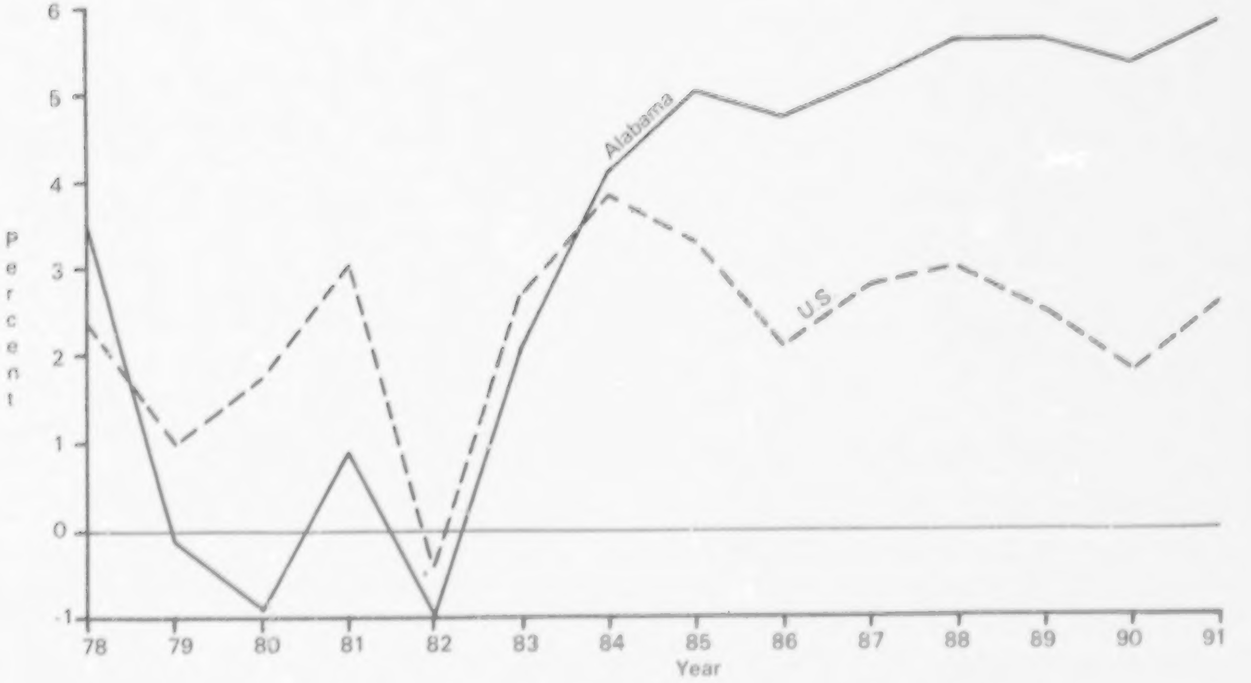
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	.363	.360	.371	.441	.519
Employment (thousands)	15.361	15.371	15.590	20.170	23.383
Wage Rates (thousand $s)	17.875	21.659	24.081	35.451	48.037
Wage & Salary Income (bil $s)	.275	.333	.375	.715	1.123

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	-0.4	1.5	4.4	4.2
Employment	0.0	0.7	6.6	3.8
Wage Rates	10.1	5.4	10.2	7.9
Wage & Salary Income	10.0	6.1	17.5	11.9

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	1.84	1.92	1.94	1.88	1.78
Employment	.92	.92	.93	1.12	1.20
Wage & Salary Income	1.04	1.05	1.01	1.30	1.42

Figure E-1

U.S. and Alabama Total Energy Consumption Growth Rates, 1978-1991
(Percent of Quadrillion BTUS)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
U.S.	2.4	1.0	1.7	3.0	-.4	2.7	3.8	3.3	2.1	2.8	3.0	2.5	1.8	2.6
AL	3.5	-.1	-.9	.9	-1.0	2.1	4.1	5.0	4.7	5.1	5.6	5.6	5.3	5.8

TABLE E-1

Alabama Energy Consumption Average Annual Growth Rates
1979-1991 (Percent)

	1979-81	1981-83	1983-87	1987-91
Total All Sources	0.0	0.5	4.7	5.6
Electricity Total	-1.8	-2.2	5.2	5.1
Residential	1.7	-3.3	3.5	5.1
Commercial	0.4	5.4	6.7	8.0
Industrial	-4.3	-3.5	5.7	4.2
Natural Gas Total	-5.7	-3.4	-0.9	0.8
Residential	-1.4	0.0	0.1	1.2
Commercial	-6.5	-3.5	-1.7	-1.0
Industrial	-6.9	-9.8	-1.2	1.1
Coal	0.5	-0.8	1.9	3.2
Gasoline (Per Capita)	-7.9	1.6	0.7	1.1

GOVERNMENT: A CHANGING ROLE

Strong reliance on the government sector can bolster an economy at times or burden an economy at other times. Government, with its traditionally low wage scale, may dampen growth in an economy when times are booming. But government can provide stability in bad times because it responds slowly to adverse conditions. When changes do occur in the government sector, they tend to result from trends over time rather than from catastrophic events. Thus, local officials are caught less unaware of a planned closing of a military installation, for example, than by the sudden shutdown of a manufacturing plant. And when government operations are curtailed in a community, the burden of unemployment locally is reduced because otherwise unemployed workers are more likely to be placed elsewhere.

Recent Trends in Government

A pattern of steadily increasing output by Alabama's government sector during the late 1970s was interrupted by the recession. Government output in constant dollars declined from the 1979 level of nearly $3.0 billion to below $2.9 billion in 1981. The decline was borne by both the state and local and the federal components of Alabama's government sector. The government sector as a whole for the nation did not experience a decline but continued to show an increase in real output. Neither component of the state's government sector managed to meet previous output levels in 1982, although at 1.3 percent real output growth, the state and local component rebounded more strongly than did the federal component. Growth for the state's government sector as a whole was 1.1 percent for 1982, which compares to real output growth for government nationally of 7.3 percent.

Alabama in the past has relied more heavily on the contribution of government to its total output than has the nation as a whole. This relationship is projected to hold well into the future. Government in Alabama averaged a share for government nationally of 12.1 percent for the same period.

The single most important component of government output is wages, which in turn is influenced most by employment. Total employment in Alabama declined in 1980, 1981 and 1982, but government employment marked an increase in 1980 of 2.1 percent before slipping in the following two years. The decline in government employment amounted to 5,000 jobs in 1981, a loss of 1.4 percent over 1980 government employment, and another 2,250 lost jobs in 1982, or a 0.7 percent slide. These losses were borne almost entirely by the state and local component of government, although both state and local and federal components lost jobs. These job losses contributed to a reduction in the importance of the government sector as a source of jobs for Alabamians. Government's share of total employment declined from 13.8 percent in 1980 to 13.6 percent in 1981 and 1982. Wage and salary income in the government sector did not increase as rapidly as gains for the state in general even in years when no jobs were lost. As a result, government's share of total personal income declined steadily from 1978 through 1981 and experienced a very slight upturn in 1982 when a further slip in income by government was offset by income losses from other sectors of the economy.

Labor productivity -- the value of output compared to wages paid was virtually unchanged from 1978 through 1982 for both state and local and for federal components of the state's government sector.

Government Outlook

The importance of the government sector to the Alabama economy should peak in 1983 at almost 16 percent of total output and enter a long and gradual decline as the 1980s progress. This is one of several long-range trends that should be evident in the state as manufacturing wanes in its domination of Alabama's economy and the large trade sector stabilizes in its contribution; and other sectors, notably finance, insurance and real estate and construction, gain influence. Government's share of total output should slip below 15 percent by 1988 and then below 14 percent by 1990. In 1991 government in Alabama is to account for less than 13.5 percent of total output. During the early 1980s the decline will be due to the federal component of government. This component should begin to decline after 1982, slipping from a 6.8 percent output contribution in 1982 to 3.9 percent in 1991. The state and local component on the other hand is forecast to increase its contribution until 1987, then also enter a declining period. Trends in the state and local component are summarized in Table G-1, while Table G-2 presents the outlook for the federal government sector.

Despite a changing role in the state's economy, the government sector is projected to steadily grow in real (inflation-adjusted) output throughout the 1980s. This growth rate should consistently exceed gains nationwide, as shown in Figure G-1. Growth in the government sector will be buoyed by the state and local component, expected to overcome declines by the federal component in each of the final six years of the forecast. Output in constant dollars should exceed $3 billion in 1983, reaching almost $4 billion in 1991.

Although not projected to increase as rapidly as the state average, the outlook for employment in the government sector is encouraging. Employment in the state and local and the federal civilian components is projected to increase steadily from 1983 through 1991. Some gains in government employment will be offset by losses in the federal military component. Employment losses of less than 1 percent are projected for each year from 1982 through 1991 in this component. Government employment taken as a whole should become the state's most important source of jobs by 1983, when government employment should exceed 351,000 while total manufacturing employment is projected at 340,000 jobs.

These levels of employment would yield government a 21.1 percent share of total employment and manufacturing a 20.4 percent share. Manufacturing is not projected to regain an upper hand in employment throughout the balance of the forecast period after peaking at 21.7 percent of total employment in 1986. By 1991 government is projected to hold a 20.9 percent share of total employment, but manufacturing's share should amount to only 19.1 percent.

Wages paid state and local government employees should show marked gains over higher federal wages through the 1980s. The average state and local government worker earned $12,600 in 1982, a little more than half the $23,750 earned by the average federal worker. Gains in the wage scale of state and local workers by the end of the decade should be significant in comparison to average gains by federal workers. By 1991 the average state and local government employee should earn more than $28,600 annually while the average federal worker can expect to earn more than $39,300. The rate of income gains by state and local government workers is projected to match or exceed the state average for total personal income growth each year from 1985 through 1991.

A consistently increasing share of total personal income by the state and local component of government combined with a consistently decreasing share in the federal components in 1982 through 1991 makes for irregular behavior in the overall share of income claimed by government. Government's share in general will balance out at about 15 percent of total income each year. In spite of the changing employment status, manufacturing is to remain the state's most important source of income due to the higher wages paid in that sector.

Little change in the productivity of labor in the government sector is anticipated over the 1982-1991 period. By 1991 productivity in the state and local component is projected to be 4.1 percent higher than the 1982 level, but the federal component is projected to experience a decline in productivity by 4.9 percent over the ten-year span.

Alabama's Public Tax Sector

Wide fluctuations in growth of tax revenues in recent years have created uncertain conditions for state policymakers. Total tax collections increased by 12.0 percent in 1978 over the 1977 level, but 1979 saw only 10.6 percent growth in tax collections. Then 1980 brought an increase of only 7.0 percent, but 1981 saw the influx of oil lease windfall revenue as well as a change in reporting income tax which boosted total collections by 12.2 percent. Growth in collections for 1982 then plummeted to 4.8 percent.

Stability in tax collection growth should return quickly after 1982. Collections in 1983 are projected 10.0 percent above the 1982 amount and should then increase between 11 and 12 percent each year through 1991. While 1982 collections should amount to more than $2.2 billion, annual collections are projected to reach near $6.1 billion in 1991.

By major sector, declines were seen in recent years in corporate income tax and gasoline tax collections. Corporate income tax collections declined by 7.2 percent in 1981 from 1980's collections of $95.6 million. The gasoline tax experienced revenue losses in 1979 and 1980, down 3.4 percent from 1978 collections of more than $150 million. While avoiding negative growth, the sales tax, the state's single most important source of tax revenue, saw its growth

Table G-1

The Outlook for State and Local Government, 1979-1991

	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	1.679	1.655	1.814	2.316	2.780
Employment (thousands)	229.247	226.959	234.102	269.869	285.247
Wage Rates (thousand $s)	9.812	11.641	13.684	19.731	28.637
Wage & Salary Income (bil $s)	2.249	2.642	3.203	5.325	8.169
Productivity of Labor	1.198	1.185	1.194	1.234	1.242

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	-0.7	4.7	6.3	10.8
Employment	-0.5	1.6	3.6	1.7
Wage Rates	8.9	8.4	9.6	10.6
Wage & Salary Income	8.4	10.1	13.6	12.5
Productivity of Labor	-0.5	0.4	1.0	0.2

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	8.53	8.82	9.50	9.90	9.52
Employment	13.66	13.64	14.02	15.02	14.65
Wage & Salary Income	8.52	8.30	8.59	9.68	10.36

Table G-2

The Outlook for Federal Government, 1979-1991

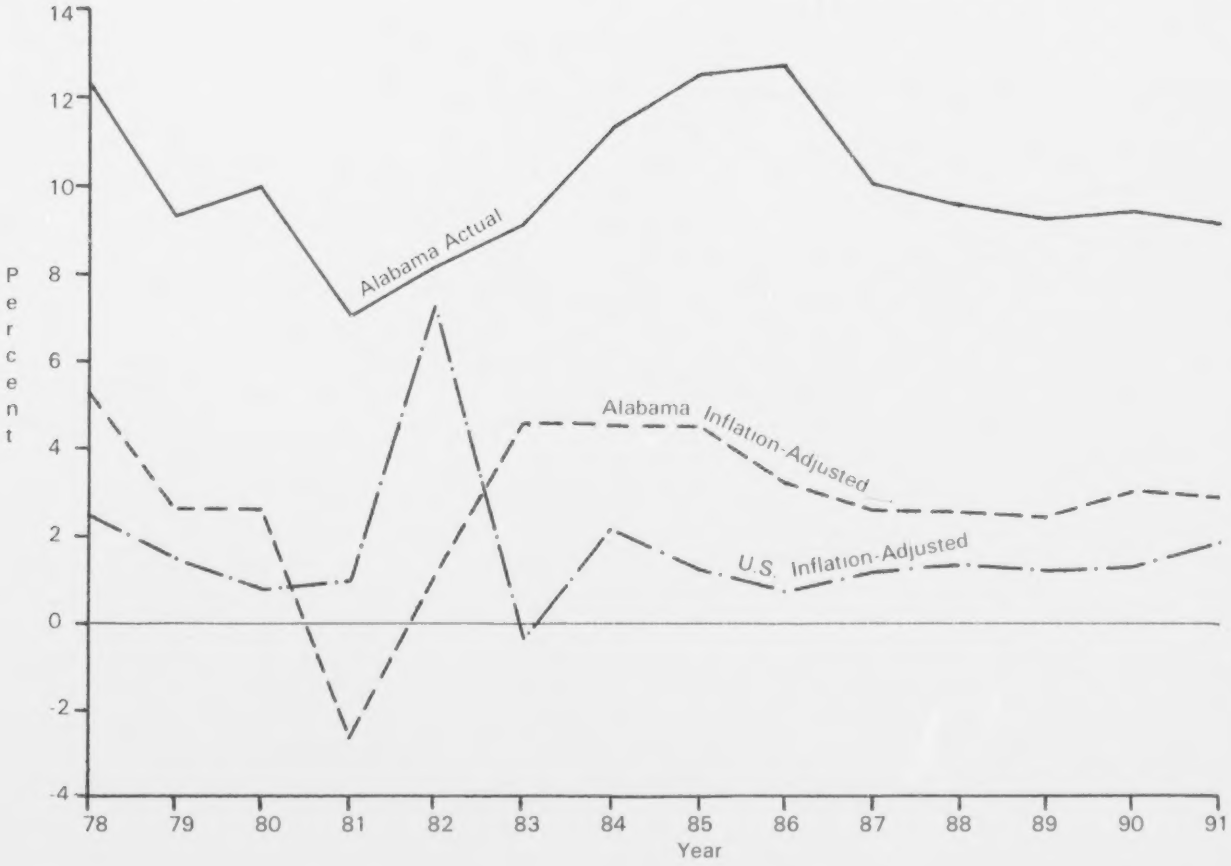
	Selected Economic Indicators				
	1979	1981	1983	1987	1991
Real Output (billion $s)	1.208	1.231	1.237	1.212	1.148
Employment (thousands)	113.666	118.079	117.721	118.916	122.231
Civilian Wage Rates (thousand $s)	19.041	22.218	25.363	33.505	39.345
Military Wage Rates (bil. $s)	7.402	9.123	10.112	13.214	15.497
Wage & Salary Income (bil $s)	1.574	1.929	2.187	2.937	3.585
Productivity of Labor	1.232	1.207	1.193	1.171	1.168

	Average Annual Growth Rates (Percent)			
	1979-81	1981-83	1983-87	1987-91
Real Output	0.9	0.2	-0.5	-1.3
Employment	1.9	-0.2	0.2	0.7
Civilian Wage Rates	8.0	6.8	7.2	4.1
Military Wage Rates	11.0	5.3	6.9	4.1
Wage & Salary Income	10.7	6.5	7.6	5.1
Productivity of Labor	-1.0	-0.6	-0.5	-0.1

	Share of Alabama Total (Percent)				
	1979	1981	1983	1987	1991
Real Output	6.14	6.56	6.48	5.18	3.93
Employment	6.78	7.09	7.05	6.62	6.28
Wage & Salary Income	5.96	6.06	5.87	5.34	4.55

Figure G-1

U.S. and Alabama Government Sector Output Growth Rates Actual and Inflation-Adjusted, 1978-1991 (Percent)



Data Points:

	78	79	80	81	82	83	84	85	86	87	88	89	90	91
L Infl-Adj.	5.3	2.6	2.6	-2.6	1.1	4.6	4.5	4.5	3.2	2.6	2.5	2.4	3.0	2.9
L Actual	12.3	9.3	10.0	7.1	8.1	9.1	11.3	12.5	12.8	10.1	9.6	9.3	9.5	9.2
.S. Infl.-Adj.	2.5	1.5	.8	1.0	7.3	-.4	2.1	1.2	.7	1.1	1.3	1.2	1.3	1.9

stunted from 10.6 percent in 1979 to only 5.1 percent in 1980, slipping further to 2.8 percent growth in 1981 and rebounding to only 5. percent in 1982. Collections from the sales tax increased from almost $492 million in 1978 to $558 million in 1982.

The strongest rebound of the state's major taxes should be marked by the corporate income tax, projected to increase in 1983 collections by 19.6 percent over 1982's dismal performance and reach almost $108 million. After three years of high growth, the corporate income tax should settle into a post-recovery growth pattern of 12 to 13 percent annually beginning in 1986.

However, the individual income tax should become the stellar performer for the Alabama treasury during the 1980s. By 1983 the individual income tax is to surpass the sales tax as the state's leading source of tax revenue. At $637 million, collections from the individual income tax should be 2.6 percent above sales tax collections in 1983. With average annual growth above 15 percent, collections from the individual income tax should widen their lead on sales tax revenues during the late 1980s, reaching a level 33.5 percent higher by 1991 when individual income tax collections are projected above $2 billion. This will amount to a 33.8 percent share of total state tax collections, up from a 26.0 percent share in 1983.

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 1.00 SELECTED INDICATORS

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2		GROSS PRODUCT (ALA-GSP,US-GNP)										
3	ATGSP	GSP CUR $ (BIL)............	28.812	31.737	33.462	35.525	37.453	41.300	46.115	51.868	57.891	64.635
4			12.6%	10.2%	5.4%	6.2%	5.4%	10.3%	11.7%	12.5%	11.6%	11.6%
5												
6	UNGNP	GNP CUR $ (BIL)............	2156.100	2413.900	2626.100	2937.484	3086.780	3392.913	3763.947	4163.668	4537.435	4971.030
7			12.4%	12.0%	8.8%	11.9%	5.1%	9.9%	10.9%	10.6%	9.0%	9.6%
8												
9	ATRSP	GSP 72 $ (BIL).............	19.241	19.685	19.208	18.772	18.365	19.101	20.121	21.245	22.216	23.397
10			5.1%	2.3%	-2.4%	-2.3%	-2.2%	4.0%	5.3%	5.6%	4.6%	5.3%
11												
12	URGNP	GNP 72 $ (BIL).............	1436.900	1483.000	1480.700	1502.600	1482.600	1540.300	1610.500	1668.100	1702.100	1759.200
13			4.8%	3.2%	-.2%	1.5%	-1.3%	3.9%	4.6%	3.6%	2.0%	3.4%
14												
15		PER CAPITA GSP 72 $ (THOU)	5.019	5.088	4.926	4.764	4.605	4.726	4.908	5.105	5.310	5.564
16			3.7%	1.4%	-3.2%	-3.3%	-3.3%	2.6%	3.9%	4.0%	4.0%	4.8%
17												
18		PER CAPITA GNP 72 $ (THOU)	6.470	6.604	6.518	6.542	6.385	6.561	6.786	6.959	7.031	7.202
19			3.7%	2.1%	-1.3%	.4%	-2.4%	2.8%	3.4%	2.6%	1.0%	2.4%
20												
21		PER CAP GSP/PER CAP GNP..	77.569	77.044	75.581	72.823	72.120	72.020	72.321	73.352	75.524	77.261
22												
23		US DEFLATOR 72=100 GROWTH RATE										
24	UGNPDF	- GROSS NATIONAL PRODUCT	7.3%	8.5%	9.8%	9.4%	6.5%	5.8%	6.1%	6.8%	6.8%	6.0%
25												
26	UPCDF	- PERSONAL CONSUMPTION..	6.9%	8.9%	10.4%	8.6%	4.6%	5.1%	5.7%	7.0%	6.6%	5.5%
27												
28		- CONSUMER PRICE INDEX..	7.6%	11.5%	13.5%	10.3%	5.1%	6.7%	7.4%	8.1%	7.9%	6.9%
29												
30	ATPOP	POPULATION - ALABAMA (MIL)....	3.834	3.869	3.899	3.940	3.988	4.042	4.100	4.162	4.184	4.205
31												
32	UTPOP	- USA (MIL)........	222.095	224.567	227.169	229.668	232.194	234.748	237.331	239.704	242.101	244.280
33												
34		ALABAMA TOTAL EMPLOYMENT (MIL)	1.652	1.678	1.673	1.664	1.651	1.670	1.694	1.733	1.763	1.797
35			3.3%	1.6%	-.3%	-.5%	-.8%	1.2%	1.4%	2.3%	1.7%	1.9%
36												
37	AUER	ALABAMA UNEMPLOYMENT RATE (%).	6.383	7.133	8.783	10.692	13.387	12.616	10.293	10.992	10.306	10.300
38												
39	UUER	US UNEMPLOYMENT RATE (%)......	6.000	5.800	7.100	7.600	9.410	8.900	8.100	7.300	7.450	7.210
40												

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 1.00 SELECTED INDICATORS

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2		GROSS PRODUCT (ALA-GSP,US-GNP)										
3	ATGSP	GSP CUR $ (BIL)...........	37.453	41.300	46.115	51.868	57.891	64.635	72.210	80.249	88.678	98.753
4			5.4%	10.3%	11.7%	12.5%	11.6%	11.6%	11.7%	11.1%	10.5%	11.4%
5												
6	UNGNP	GNP CUR $ (BIL)...........	3086.780	3392.913	3763.947	4163.668	4537.435	4971.030	5412.343	5830.346	6220.602	6722.093
7			5.1%	9.9%	10.9%	10.6%	9.0%	9.6%	8.9%	7.7%	6.7%	8.1%
8												
9	ATRSP	GSP 72$ (BIL).............	18.365	19.101	20.121	21.245	22.215	23.397	24.775	26.176	27.529	29.196
10			-2.2%	4.0%	5.3%	5.6%	4.6%	5.3%	5.9%	5.7%	5.2%	6.1%
11												
12	URGNP	GNP 72 $ (BIL)............	1482.600	1540.300	1610.500	1668.100	1702.100	1759.200	1820.700	1869.700	1905.300	1964.600
13			-1.3%	3.9%	4.6%	3.6%	2.0%	3.4%	3.5%	2.7%	1.9%	3.1%
14												
15		PER CAPITA GSP 72 $ (THOU)	4.605	4.726	4.908	5.105	5.310	5.564	5.862	6.164	6.417	6.769
16			-3.3%	2.6%	3.9%	4.0%	4.0%	4.8%	5.4%	5.1%	4.1%	5.5%
17												
18		PER CAPITA GNP 72 $ (THOU)	6.385	6.561	6.786	6.959	7.031	7.202	7.387	7.518	7.600	7.775
19			-2.4%	2.8%	3.4%	2.6%	1.0%	2.4%	2.6%	1.8%	1.1%	2.3%
20												
21		PER CAP GSP/PER CAP GNP..	72.120	72.020	72.321	73.352	75.524	77.261	79.364	81.984	84.431	87.063
22												
23		US DEFLATOR 72=100 GROWTH RATE										
24	UGNPDF	- GROSS NATIONAL PRODUCT	6.5%	5.8%	6.1%	6.8%	6.8%	6.0%	5.2%	4.9%	4.7%	4.8%
25												
26	UPCDF	- PERSONAL CONSUMPTION..	4.6%	5.1%	5.7%	7.0%	6.6%	5.5%	4.8%	4.5%	4.3%	4.3%
27												
28		- CONSUMER PRICE INDEX..	5.1%	6.7%	7.4%	8.1%	7.9%	6.9%	6.3%	5.9%	5.7%	5.6%
29												
30	ATPOP	POPULATION - ALABAMA (MIL)....	3.988	4.042	4.100	4.162	4.184	4.205	4.226	4.247	4.290	4.313
31												
32	UTPOP	- USA (MIL)........	232.194	234.748	237.331	239.704	242.101	244.280	246.478	248.697	250.686	252.692
33												
34		ALABAMA TOTAL EMPLOYMENT (MIL)	1.651	1.670	1.694	1.733	1.763	1.797	1.835	1.873	1.905	1.947
35			-.8%	1.2%	1.4%	2.3%	1.7%	1.9%	2.1%	2.1%	1.7%	2.2%
36												
37	AUER	ALABAMA UNEMPLOYMENT RATE (%).	13.387	12.616	10.293	10.992	10.306	10.300	9.177	9.105	8.841	8.362
38												
39	UUER	US UNEMPLOYMENT RATE (%)......	9.410	8.900	8.100	7.300	7.450	7.210	6.670	6.570	6.690	6.520
40												

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 1.10 SELECTED INDICATORS -- (CONTINUED)

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1		ALABAMA INCOME										
2	ATPY	TOTAL PERSONAL CUR $ (BIL).	23.738	26.386	29.199	31.831	34.138	37.275	40.834	45.405	49.973	55.039
3			13.0%	11.2%	10.7%	9.0%	7.2%	9.2%	9.5%	11.2%	10.1%	10.1%
4		- 72 $ (BIL).	15.92:	16.258	16.300	16.362	16.776	17.429	18.064	18.772	19.381	20.233
5			5.7%	2.1%	.3%	.4%	2.5%	3.9%	3.6%	3.9%	3.2%	4.4%
6												
7	ATPYPC	PER CAPITA CUR $ (THOU)....	6.191	6.819	7.488	8.079	8.560	9.222	9.960	10.909	11.944	13.089
8			11.4%	10.1%	9.8%	7.9%	6.0%	7.7%	8.0%	9.5%	9.5%	9.6%
9												
10	UTPYPC	US PER CAPITA CUR $ (THOU)....	7.735	8.637	9.521	10.485	11.078	11.967	12.966	14.172	15.337	16.570
11			10.8%	11.7%	10.2%	10.1%	5.7%	8.0%	8.3%	9.3%	8.2%	8.0%
12												
13		ALA/US COMPARATIVE ADVANTAGE	.800	.790	.786	.771	.773	.771	.768	.770	.779	.790
14												
15	ADPY	TOTAL DISPOSABLE CUR $(BIL)	20.343	22.437	24.780	26.787	29.057	32.024	35.056	38.822	42.603	46.768
16			12.5%	10.3%	10.4%	8.1%	8.5%	10.2%	9.5%	10.7%	9.7%	9.8%
17		- 72 $ (BIL)	13.644	13.825	13.833	13.770	14.279	14.974	15.507	16.050	16.523	17.192
18			5.3%	1.3%	.1%	-.5%	3.7%	4.9%	3.6%	3.5%	2.9%	4.1%
19												
20		PER CAPITA 72 $ (THOU).....	3.559	3.573	3.548	3.495	3.581	3.705	3.782	3.856	3.949	4.088
21			3.9%	.4%	-.7%	-1.5%	2.5%	3.5%	2.1%	2.0%	2.4%	3.5%
22		MANUFACTURING WAGE RATES										
23	AWPANM	NONDURABLE - ALA CUR $(THOU)	10.960	12.031	13.196	14.382	15.519	16.667	18.026	19.890	21.604	23.386
24			9.7%	9.8%	9.7%	9.0%	7.9%	7.4%	8.2%	10.3%	8.6%	8.2%
25												
26	UWPANM	- US CUR $ (THOU)	13.004	14.152	15.574	17.337	18.409	19.626	20.952	23.007	24.782	26.670
27			7.9%	8.8%	10.0%	11.3%	6.2%	6.6%	6.8%	9.8%	7.7%	7.6%
28												
29		ALA/US COMPARATIVE ADVANTAGE	.843	.850	.847	.830	.843	.849	.860	.865	.872	.877
30												
31	AWPADM	DURABLE - ALA CUR $ (THOU)..	13.193	14.534	15.811	17.170	18.612	20.127	21.715	24.087	26.081	28.265
32			8.0%	10.2%	8.8%	8.6%	8.4%	8.1%	7.9%	10.9%	8.3%	8.4%
33												
34	UWPADM	- US CUR $ (THOU)...	15.554	16.907	18.567	20.438	21.659	23.308	25.006	27.585	29.721	32.062
35			7.5%	8.7%	9.8%	10.1%	6.0%	7.6%	7.3%	10.3%	7.7%	7.9%
36												
37		ALA/US COMPARATIVE ADVANTAGE	.848	.860	.852	.840	.859	.864	.868	.873	.878	.882
38												
39		ALABAMA RETAIL TRADE										
40	ARTTSR	- CUR $ (BIL).....	17.464	19.126	19.407	20.790	21.397	24.064	27.296	30.829	34.359	38.277
41			8.5%	9.5%	1.5%	7.1%	2.9%	12.5%	13.4%	12.9%	11.4%	11.4%
42		- 72 $ (BIL)......	11.713	11.784	10.834	10.687	10.515	11.252	12.075	12.745	13.325	14.071
43			1.5%	.6%	-8.1%	-1.4%	-1.6%	7.0%	7.3%	5.6%	4.5%	5.6%
44		ALABAMA STATE TAX REVENUES										
45		- TOTAL CUR $ (BIL)..........	1.600	1.769	1.894	2.125	2.228	2.450	2.735	3.077	3.446	3.863
46			12.0%	10.6%	7.0%	12.2%	4.8%	10.0%	11.6%	12.5%	12.0%	12.1%
47		ALABAMA ENERGY CONSUMPTION										
48		- ELECTRICITY INDEX 72=100	125.779	127.524	127.628	122.942	120.435	117.669	123.411	130.302	136.737	143.978
49		- NATURAL GAS INDEX 72=100	85.487	102.863	105.846	91.488	83.246	79.665	78.438	78.217	77.496	76.693
50	AGCPC	GASOLINE CONSUMED PER CAP(GAL)	585.080	555.506	503.181	471.499	474.133	486.231	493.156	496.814	497.236	499.118

TAB. 1.10 SELECTED INDICATORS -- (CONTINUED)

	LABEL		1982	1983	1984	1985	1986	1967	1988	1989	1990	1991
1		ALABAMA INCOME										
2	ATPY	TOTAL PERSONAL CUR $ (BIL).	34.138	37.275	40.834	45.405	49.973	55.039	60.530	66.138	71.834	78.820
3			7.2%	9.2%	9.5%	11.2%	10.1%	10.1%	10.0%	9.3%	8.6%	9.7%
4		- 72 $ (BIL).	16.776	17.429	18.064	18.772	19.381	20.233	21.232	22.200	23.118	24.321
5			2.5%	3.9%	3.6%	3.9%	3.2%	4.4%	4.9%	4.6%	4.1%	5.2%
6												
7	ATPYPC	PER CAPITA CUR $ (THOU)....	8.560	9.222	9.960	10.909	11.944	13.089	14.323	15.573	16.744	18.274
8			6.0%	7.7%	8.0%	9.5%	9.5%	9.6%	9.4%	8.7%	7.5%	9.1%
9												
10	UTPYPC	US PER CAPITA CUR $ (THOU)....	11.078	11.967	12.966	14.172	15.337	16.570	17.813	19.096	20.389	21.790
11			5.7%	8.0%	8.3%	9.3%	8.2%	8.0%	7.5%	7.2%	6.8%	6.9%
12												
13		ALA/US COMPARATIVE ADVANTAGE	.773	.771	.768	.770	.779	.790	.804	.815	.821	.839
14												
15	ADPY	TOTAL DISPOSABLE CUR $(BIL)	29.057	32.024	35.056	38.822	42.603	46.768	51.249	55.845	60.489	66.195
16			8.5%	10.2%	9.5%	10.7%	9.7%	9.8%	9.6%	9.0%	8.3%	9.4%
17		- 72 $ (BIL)	14.279	14.974	15.507	16.050	16.523	17.192	17.977	18.745	19.467	20.425
18			3.7%	4.9%	3.6%	3.5%	2.9%	4.1%	4.6%	4.3%	3.9%	4.9%
19												
20		PER CAPITA 72 $ (THOU).....	3.581	3.705	3.782	3.856	3.949	4.088	4.254	4.414	4.538	4.735
21			2.5%	3.5%	2.1%	2.0%	2.4%	3.5%	4.0%	3.8%	2.8%	4.4%
22		MANUFACTURING WAGE RATES										
23	AWPANM	NONDURABLE - ALA CUR $(THOU)	15.519	16.667	18.026	19.890	21.604	23.386	25.138	26.912	28.800	30.662
24			7.9%	7.4%	8.2%	10.3%	8.6%	8.2%	7.5%	7.1%	7.0%	6.5%
25												
26	UWPANM	- US CUR $ (THOU)	18.409	19.626	20.952	23.007	24.782	26.670	28.399	30.243	32.171	34.027
27			6.2%	6.6%	6.8%	9.8%	7.7%	7.6%	6.5%	6.5%	6.4%	5.8%
28												
29		ALA/US COMPARATIVE ADVANTAGE	.843	.849	.860	.865	.872	.877	.885	.890	.895	.901
30												
31	AWPADM	DURABLE - ALA CUR $ (THOU)..	18.612	20.127	21.715	24.087	26.081	28.265	30.286	32.557	34.784	37.039
32			8.4%	8.1%	7.9%	10.9%	8.3%	8.4%	7.2%	7.5%	6.8%	6.5%
33												
34	UWPADM	- US CUR $ (THOU)...	21.659	23.308	25.006	27.585	29.721	32.062	34.194	36.605	38.954	41.316
35			6.0%	7.6%	7.3%	10.3%	7.7%	7.9%	6.7%	7.1%	6.4%	6.1%
36												
37		ALA/US COMPARATIVE ADVANTAGE	.859	.864	.868	.873	.878	.882	.886	.889	.893	.896
38												
39		ALABAMA RETAIL TRADE										
40	ARTTSR	- CUR $ (BIL).....	21.397	24.064	27.296	30.829	34.359	38.277	42.946	47.789	52.912	59.235
41			2.9%	12.5%	13.4%	12.9%	11.4%	11.4%	12.2%	11.3%	10.7%	11.9%
42		- 72 $ (BIL)......	10.515	11.252	12.075	12.745	13.325	14.071	15.064	16.041	17.029	18.277
43			-1.6%	7.0%	7.3%	5.6%	4.5%	5.6%	7.1%	6.5%	6.2%	7.3%
44		ALABAMA STATE TAX REVENUES										
45		- TOTAL CUR $ (BIL)..........	2.228	2.450	2.735	3.077	3.446	3.863	4.338	4.856	5.417	6.079
46			4.8%	10.0%	11.6%	12.5%	12.0%	12.1%	12.3%	11.9%	11.5%	12.2%
47		ALABAMA ENERGY CONSUMPTION										
48		- ELECTRICITY INDEX 72=100	120.435	117.669	123.411	130.302	136.737	143.978	152.590	160.041	166.741	175.870
49		- NATURAL GAS INDEX 72=100	83.246	79.665	78.438	78.217	77.496	76.693	77.052	77.760	78.389	79.272
50	AGCPC	GASOLINE CONSUMED PER CAP(GAL)	474.133	486.231	493.156	496.814	497.236	499.118	502.896	508.359	514.294	521.829

TAB. 2.00 OUTPUT SECTOR -- CONSTANT 72 $ (BILLIONS)
1 & 2 DIGIT SIC INDUSTRY GROUPS

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2	ATRSP	TOTAL REAL GROSS STATE PRODUCT	19.241	19.685	19.208	18.772	18.365	19.101	20.121	21.245	22.216	23.397
3												
4	AMFRSP	MANUFACTURING	5.633	5.949	5.661	5.502	5.023	5.152	5.456	5.824	6.065	6.360
5												
6	ANMRSP	NONDURABLE	2.849	3.040	3.031	2.970	2.793	2.834	3.005	3.217	3.355	3.514
7	AFDRSP	FOOD	.391	.420	.422	.438	.444	.458	.473	.488	.501	.516
8	ATXRSP	TEXTILE	.585	.603	.585	.574	.515	.490	.521	.560	.566	.581
9	AAPRSP	APPAREL	.489	.498	.513	.522	.531	.560	.603	.651	.697	.747
10	APARSP	PAPER	.505	.559	.554	.508	.448	.452	.481	.521	.548	.564
11	APTRSP	PRINTING, PUBLISHING	.157	.165	.161	.164	.163	.167	.177	.194	.205	.219
12	ACHRSP	CHEMICAL	.360	.400	.399	.380	.345	.365	.388	.410	.427	.445
13	ARBRSP	RUBBER, PLASTIC	.305	.337	.340	.311	.276	.269	.289	.318	.333	.362
14	AONRSP	OTHER NONDURABLE	.056	.057	.057	.073	.072	.073	.073	.076	.077	.080
15												
16	ADMRSP	DURABLE	2.784	2.909	2.630	2.532	2.230	2.319	2.451	2.607	2.711	2.845
17	ALURSP	LUMBER	.355	.368	.316	.294	.259	.228	.219	.215	.196	.184
18	AFURSP	FURNITURE	.080	.079	.074	.078	.068	.064	.067	.073	.073	.078
19	APMRSP	PRIMARY METAL	.976	.962	.825	.768	.636	.719	.769	.820	.869	.908
20	AFPRSP	FABRICATED METAL	.356	.371	.343	.335	.296	.308	.334	.363	.379	.404
21	AMYRSP	NONELECTRICAL MACHINERY	.214	.225	.215	.224	.225	.217	.230	.244	.253	.265
22	AELRSP	ELECTRICAL MACHINERY	.216	.244	.226	.261	.262	.279	.307	.338	.368	.403
23	AATRSP	ALL TRANS EQUIP	.337	.419	.404	.354	.279	.294	.311	.326	.336	.348
24	ASCRSP	STONE, CLAY, GLASS	.156	.154	.141	.142	.132	.140	.147	.161	.173	.192
25	AODRSP	OTHER DURABLE	.093	.087	.085	.077	.072	.070	.068	.066	.064	.063
26												
27	AMIRSP	MINING	.261	.320	.366	.245	.311	.333	.360	.395	.433	.477
28	ACSRSP	CONSTRUCTION	.886	.778	.711	.583	.527	.563	.627	.691	.792	.921
29	ATRRSP	TRADE	3.024	3.054	2.903	2.942	2.964	3.124	3.274	3.424	3.545	3.705
30	ASVRSP	SERVICES	1.822	1.831	1.817	1.838	1.862	1.876	1.910	1.957	2.002	2.054
31												
32	AFIRSP	FINANCE, INSUR, REAL ESTATE	2.375	2.405	2.401	2.452	2.491	2.607	2.764	2.950	3.167	3.428
33	ARSPBK	BANKING	.622	.644	.652	.652	.670	.705	.761	.823	.889	.964
34	ARSPNB	NONBANKING	1.753	1.761	1.749	1.800	1.822	1.903	2.003	2.127	2.277	2.464
35												
36	ATURSP	TRANS, COMM, PUB UTIL	1.811	1.868	1.884	1.869	1.815	1.925	2.061	2.190	2.295	2.449
37	ARSPTN	TRANSPORTATION	.805	.794	.757	.736	.679	.716	.752	.780	.796	.823
38	ARSPCN	COMMUNICATION	.641	.711	.759	.774	.778	.839	.908	.998	1.075	1.186
39	ARSPPU	PUBLIC UTILITIES	.365	.363	.368	.360	.358	.371	.400	.412	.424	.441
40												
41	AGVRSP	GOVERNMENT	2.815	2.887	2.962	2.886	2.917	3.051	3.190	3.332	3.438	3.528
42	ASLGRP	STATE AND LOCAL	1.615	1.679	1.697	1.655	1.676	1.814	1.950	2.089	2.208	2.316
43	AFDGRP	FEDERAL	1.201	1.208	1.265	1.231	1.241	1.237	1.240	1.242	1.230	1.212
44												
45	AFMRSP	FARMING	.614	.593	.503	.455	.455	.469	.480	.483	.479	.474

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 2.00 OUTPUT SECTOR -- CONSTANT 72 $ (BILLIONS)
1 & 2 DIGIT SIC INDUSTRY GROUPS

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2	ATRSP	TOTAL REAL GROSS STATE PRODUCT	18.365	19.101	20.121	21.245	22.216	23.397	24.775	26.176	27.529	29.196
3												
4	AMFRSP	MANUFACTURING.................	5.023	5.152	5.456	5.824	6.065	6.360	6.697	6.998	7.224	7.566
5												
6	ANMRSP	NONDURABLE..................	2.793	2.834	3.005	3.217	3.355	3.514	3.696	3.862	4.001	4.173
7	AFDRSP	FOOD......................	.444	.458	.473	.488	.501	.516	.533	.551	.568	.585
8	ATXRSP	TEXTILE...................	.515	.490	.521	.560	.566	.581	.596	.613	.614	.621
9	AAPRSP	APPAREL...................	.531	.560	.603	.651	.697	.747	.802	.858	.913	.972
10	APARSP	PAPER.....................	.448	.452	.481	.521	.548	.564	.591	.613	.635	.662
11	APTRSP	PRINTING, PUBLISHING.....	.163	.167	.177	.194	.205	.219	.235	.251	.264	.278
12	ACHRSP	CHEMICAL..................	.345	.365	.388	.410	.427	.445	.464	.479	.491	.509
13	ARBRSP	RUBBER, PLASTIC..........	.276	.269	.289	.318	.333	.362	.393	.414	.430	.458
14	AONRSP	OTHER NONDURABLE.........	.072	.073	.073	.076	.077	.080	.081	.083	.085	.087
15												
16	ADMRSP	DURABLE.....................	2.230	2.319	2.451	2.607	2.711	2.845	3.001	3.135	3.224	3.393
17	ALURSP	LUMBER....................	.259	.228	.219	.215	.196	.184	.180	.167	.148	.138
18	AFURSP	FURNITURE.................	.068	.064	.067	.073	.073	.078	.085	.090	.090	.098
19	APMRSP	PRIMARY METAL............	.636	.719	.769	.820	.869	.908	.952	.988	1.015	1.065
20	AFPRSP	FABRICATED METAL.........	.296	.308	.334	.363	.379	.404	.431	.453	.464	.493
21	AMYRSP	NONELECTRICAL MACHINERY..	.225	.217	.230	.244	.253	.265	.277	.287	.290	.299
22	AELRSP	ELECTRICAL MACHINERY.....	.262	.279	.307	.338	.368	.403	.441	.483	.525	.575
23	AATRSP	ALL TRANS EQUIP..........	.279	.294	.311	.326	.336	.348	.361	.373	.380	.392
24	ASCRSP	STONE, CLAY, GLASS.......	.132	.140	.147	.161	.173	.192	.214	.234	.251	.276
25	AODRSP	OTHER DURABLE............	.072	.070	.068	.066	.064	.063	.061	.060	.059	.057
26												
27	AMIRSP	MINING.......................	.311	.333	.360	.395	.433	.477	.532	.589	.649	.720
28	ACSRSP	CONSTRUCTION.................	.527	.563	.627	.691	.792	.921	1.081	1.271	1.471	1.698
29	ATRRSP	TRADE........................	2.964	3.124	3.274	3.424	3.545	3.705	3.906	4.102	4.291	4.536
30	ASVRSP	SERVICES.....................	1.862	1.876	1.910	1.957	2.002	2.054	2.116	2.181	2.244	2.317
31												
32	AFIRSP	FINANCE, INSUR, REAL ESTATE..	2.491	2.607	2.764	2.950	3.167	3.428	3.729	4.056	4.402	4.785
33	ARSPBK	BANKING....................	.670	.705	.761	.823	.889	.964	1.047	1.135	1.227	1.327
34	ARSPNB	NONBANKING.................	1.822	1.903	2.003	2.127	2.277	2.464	2.682	2.921	3.175	3.458
35												
36	ATURSP	TRANS, COMM, PUB UTIL........	1.815	1.925	2.061	2.190	2.295	2.449	2.625	2.803	2.958	3.172
37	ARSPTN	TRANSPORTATION.............	.679	.716	.752	.780	.796	.823	.854	.879	.896	.927
38	ARSPCN	COMMUNICATION..............	.778	.839	.908	.998	1.075	1.186	1.310	1.444	1.566	1.725
39	ARSPPU	PUBLIC UTILITIES...........	.358	.371	.400	.412	.424	.441	.462	.480	.497	.519
40												
41	AGVRSP	GOVERNMENT...................	2.917	3.051	3.190	3.332	3.438	3.528	3.616	3.704	3.815	3.927
42	ASLGRP	STATE AND LOCAL............	[illegible]76	1.814	1.950	2.089	2.208	2.316	2.423	2.530	2.654	2.780
43	AFDGRP	FEDERAL....................	1.241	1.237	1.240	1.242	1.230	1.212	1.193	1.174	1.161	1.148
44												
45	AFMRSP	FARMING......................	.455	.469	.480	.483	.479	.474	.473	.473	.475	.476

TAB. 2.01 OUTPUT SECTOR -- GROWTH RATES
1 & 2 DIGIT SIC INDUSTRY GROUPS

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2	ATRSP	TOTAL REAL GROSS STATE PRODUCT	5.1%	2.3%	-2.4%	-2.3%	-2.2%	4.0%	5.3%	5.6%	4.6%	5.3%
3												
4	AMFRSP	MANUFACTURING................	5.9%	5.6%	-4.8%	-2.8%	-8.7%	2.6%	5.9%	6.7%	4.1%	4.9%
5												
6	ANMRSP	NONDURABLE.................	2.3%	6.7%	-.3%	-2.0%	-6.0%	1.5%	6.0%	7.1%	4.3%	4.7%
7	AFDRSP	FOOD.....................	2.1%	7.4%	.5%	3.7%	1.5%	3.0%	3.3%	3.2%	2.7%	3.0%
8	ATXRSP	TEXTILE..................	-.5%	3.1%	-3.0%	-1.8%	-10.4%	-4.9%	6.4%	7.5%	1.1%	2.7%
9	AAPRSP	APPAREL..................	2.7%	1.8%	3.0%	1.7%	1.8%	5.5%	7.6%	7.9%	7.2%	7.2%
10	APARSP	PAPER....................	3.3%	10.7%	-.9%	-8.3%	-11.9%	1.0%	6.4%	8.3%	5.1%	2.9%
11	APTRSP	PRINTING, PUBLISHING.....	1.3%	5.1%	-2.4%	2.1%	-.7%	2.1%	6.4%	9.6%	5.7%	6.8%
12	ACHRSP	CHEMICAL.................	2.9%	11.1%	-.2%	-4.7%	-9.3%	5.9%	6.2%	5.6%	4.3%	4.1%
13	ARBRSP	RUBBER, PLASTIC..........	6.6%	10.5%	.9%	-8.6%	-11.2%	-2.3%	7.4%	9.9%	4.6%	9.0%
14	AONRSP	OTHER NONDURABLE.........	-1.8%	1.8%	.0%	27.5%	-1.4%	2.3%	-.1%	3.6%	1.8%	2.9%
15												
16	ADMRSP	DURABLE....................	9.8%	4.5%	-9.6%	-3.7%	-12.0%	4.0%	5.7%	6.4%	4.0%	5.0%
17	ALURSP	LUMBER...................	9.6%	3.7%	-14.1%	-7.0%	-11.8%	-12.1%	-4.0%	-1.8%	-8.8%	-5.9%
18	AFURSP	FURNITURE................	21.2%	-1.3%	-6.3%	5.1%	-12.3%	-5.8%	4.6%	8.5%	.4%	6.1%
19	APMRSP	PRIMARY METAL............	8.3%	-1.4%	-14.2%	-6.9%	-17.2%	13.1%	6.9%	6.7%	5.9%	4.6%
20	AFPRSP	FABRICATED METAL.........	5.6%	4.2%	-7.5%	-2.3%	-11.8%	4.2%	8.5%	8.5%	4.4%	6.6%
21	AMYRSP	NONELECTRICAL MACHINERY..	18.9%	5.1%	-4.4%	4.1%	.4%	-3.5%	6.2%	6.1%	3.5%	4.8%
22	AELRSP	ELECTRICAL MACHINERY.....	18.0%	13.0%	-7.4%	15.5%	.3%	6.5%	9.9%	10.3%	8.9%	9.3%
23	AATRSP	ALL TRANS EQUIP..........	8.7%	24.3%	-3.6%	-12.5%	-21.0%	5.3%	5.7%	4.9%	3.0%	3.7%
24	ASCRSP	STONE, CLAY, GLASS.......	6.8%	-1.3%	-8.4%	.8%	-7.0%	5.7%	5.0%	10.1%	7.2%	11.1%
25	AODRSP	OTHER DURABLE............	5.7%	-6.5%	-2.3%	-9.9%	-5.5%	-3.7%	-2.9%	-2.5%	-2.4%	-2.4%
26												
27	AMIRSP	MINING.......................	-.8%	22.6%	14.4%	-33.0%	27.0%	7.0%	8.2%	9.5%	9.7%	10.3%
28	ACSRSP	CONSTRUCTION.................	.3%	-12.2%	-8.6%	-18.0%	-9.7%	6.9%	11.4%	10.2%	14.5%	16.4%
29	ATRRSP	TRADE........................	2.5%	1.0%	-4.9%	1.3%	.7%	5.4%	4.8%	4.6%	3.5%	4.5%
30	ASVRSP	SERVICES.....................	6.7%	.5%	-.8%	1.2%	1.3%	.7%	1.8%	2.5%	2.3%	2.6%
31												
32	AFIRSP	FINANCE, INSUR, REAL ESTATE..	1.5%	1.3%	-.2%	2.1%	1.6%	4.7%	6.0%	6.7%	7.4%	8.2%
33	ARSPBK	BANKING....................	3.6%	3.5%	1.3%	-.0%	2.7%	5.2%	7.9%	8.2%	8.1%	8.4%
34	ARSPNB	NONBANKING.................	.8%	.5%	-.7%	2.9%	1.2%	4.4%	5.3%	6.2%	7.1%	8.2%
35												
36	ATURSP	TRANS, COMM, PUB UTIL........	10.6%	3.1%	.9%	-.8%	-2.9%	6.1%	7.0%	6.3%	4.8%	6.7%
37	ARSPTN	TRANSPORTATION.............	5.4%	-1.3%	-4.7%	-2.8%	-7.7%	5.3%	5.1%	3.8%	2.0%	3.4%
38	ARSPCN	COMMUNICATION..............	11.6%	10.9%	6.7%	2.0%	.5%	7.9%	8.3%	9.9%	7.7%	10.3%
39	ARSPPU	PUBLIC UTILITIES...........	22.2%	-.7%	1.5%	-2.3%	-.4%	3.5%	8.0%	2.9%	2.9%	3.9%
40												
41	AGVRSP	GOVERNMENT...................	5.3%	2.6%	2.6%	-2.6%	1.1%	4.6%	4.5%	4.5%	3.2%	2.6%
42	ASLGRP	STATE AND LOCAL............	9.8%	4.0%	1.1%	-2.5%	1.3%	8.2%	7.5%	7.2%	5.7%	4.9%
43	AFDGRP	FEDERAL....................	-.1%	.6%	4.7%	-2.7%	.8%	-.3%	.2%	.2%	-1.0%	-1.4%
44												
45	AFMRSP	FARMING......................	15.6%	-3.4%	-15.2%	-9.6%	.0%	3.0%	2.5%	.5%	-.8%	-1.0%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 2.01 OUTPUT SECTOR -- GROWTH RATES
1 & 2 DIGIT SIC INDUSTRY GROUPS

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2	ATRSP	TOTAL REAL GROSS STATE PRODUCT	-2.2%	4.0%	5.3%	5.6%	4.6%	5.3%	5.9%	5.7%	5.2%	6.1%
3												
4	AMFRSP	MANUFACTURING................	-8.7%	2.6%	5.9%	6.7%	4.1%	4.9%	5.3%	4.5%	3.2%	4.7%
5												
6	ANMRSP	NONDURABLE................	-6.0%	1.5%	6.0%	7.1%	4.3%	4.7%	5.2%	4.5%	3.6%	4.3%
7	AFDRSP	FOOD....................	1.5%	3.0%	3.3%	3.2%	2.7%	3.0%	3.4%	3.4%	3.1%	3.0%
8	ATXRSP	TEXTILE..................	-10.4%	-4.9%	6.4%	7.5%	1.1%	2.7%	2.5%	2.8%	.2%	1.2%
9	AAPRSP	APPAREL..................	1.8%	5.5%	7.6%	7.9%	7.2%	7.2%	7.4%	6.9%	6.5%	6.5%
10	APARSP	PAPER....................	-11.9%	1.0%	6.4%	8.3%	5.1%	2.9%	4.9%	3.6%	3.6%	4.3%
11	APTRSP	PRINTING, PUBLISHING.....	-.7%	2.1%	6.4%	9.6%	5.7%	6.8%	7.2%	6.9%	5.1%	5.3%
12	ACHRSP	CHEMICAL.................	-9.3%	5.9%	6.2%	5.6%	4.3%	4.1%	4.4%	3.2%	2.5%	3.6%
13	ARBRSP	RUBBER, PLASTIC..........	-11.2%	-2.3%	7.4%	9.9%	4.6%	9.0%	8.5%	5.3%	3.9%	6.3%
14	AONRSP	OTHER NONDURABLE.........	-1.4%	2.3%	-.1%	3.6%	1.8%	2.9%	1.2%	3.0%	2.6%	2.3%
15												
16	ADMRSP	DURABLE..................	-12.0%	4.0%	5.7%	6.4%	4.0%	5.0%	5.5%	4.5%	2.8%	5.2%
17	ALURSP	LUMBER...................	-11.8%	-12.1%	-4.0%	-1.8%	-8.8%	-5.9%	-2.6%	-6.7%	-11.7%	-6.6%
18	AFURSP	FURNITURE................	-12.3%	-5.8%	4.6%	8.5%	.4%	6.1%	9.3%	6.3%	.3%	7.8%
19	APMRSP	PRIMARY METAL............	-17.2%	13.1%	6.9%	6.7%	5.9%	4.6%	4.8%	3.8%	2.8%	4.9%
20	AFPRSP	FABRICATED METAL.........	-11.8%	4.2%	8.5%	8.5%	4.4%	6.6%	6.6%	5.1%	2.6%	6.2%
21	AMYRSP	NONELECTRICAL MACHINERY..	.4%	-3.5%	6.2%	6.1%	3.5%	4.8%	4.6%	3.5%	1.2%	2.8%
22	AELRSP	ELECTRICAL MACHINERY.....	.3%	6.5%	9.9%	10.3%	8.9%	9.3%	9.5%	9.6%	8.6%	9.6%
23	AATRSP	ALL TRANS EQUIP..........	-21.0%	5.3%	5.7%	4.9%	3.0%	3.7%	3.6%	3.5%	2.0%	3.0%
24	ASCRSP	STONE, CLAY, GLASS.......	-7.0%	5.7%	5.0%	10.1%	7.2%	11.1%	11.2%	9.3%	7.5%	9.8%
25	AODRSP	OTHER DURABLE............	-5.5%	-3.7%	-2.9%	-2.5%	-2.4%	-2.4%	-2.3%	-2.3%	-2.3%	-2.3%
26												
27	AMIRSP	MINING......................	27.0%	7.0%	8.2%	9.5%	9.7%	10.3%	11.3%	10.9%	10.0%	10.9%
28	ACSRSP	CONSTRUCTION................	-9.7%	6.9%	11.4%	10.2%	14.5%	16.4%	17.4%	17.5%	15.8%	15.4%
29	ATRRSP	TRADE.......................	.7%	5.4%	4.8%	4.6%	3.5%	4.5%	5.4%	5.0%	4.6%	5.7%
30	ASVRSP	SERVICES....................	1.3%	.7%	1.8%	2.5%	2.3%	2.6%	3.0%	3.1%	2.9%	3.2%
31												
32	AFIRSP	FINANCE, INSUR, REAL ESTATE..	1.6%	4.7%	6.0%	6.7%	7.4%	8.2%	8.8%	8.8%	8.5%	8.7%
33	ARSPBK	BANKING..................	2.7%	5.2%	7.9%	8.2%	8.1%	8.4%	8.6%	8.4%	8.1%	8.2%
34	ARSPNB	NONBANKING...............	1.2%	4.4%	5.3%	6.2%	7.1%	8.2%	8.9%	8.9%	8.7%	8.9%
35												
36	ATURSP	TRANS, COMM, PUB UTIL........	-2.9%	6.1%	7.0%	6.3%	4.8%	6.7%	7.2%	6.8%	5.5%	7.2%
37	ARSPTN	TRANSPORTATION............	-7.7%	5.3%	5.1%	3.8%	2.0%	3.4%	3.8%	2.9%	2.0%	3.5%
38	ARSPCN	COMMUNICATION.............	.5%	7.9%	8.3%	9.9%	7.7%	10.3%	10.5%	10.3%	8.4%	10.2%
39	ARSPPU	PUBLIC UTILITIES..........	-.4%	3.5%	8.0%	2.9%	2.9%	3.9%	4.8%	4.0%	3.5%	4.5%
40												
41	AGVRSP	GOVERNMENT..................	1.1%	4.6%	4.5%	4.5%	3.2%	2.6%	2.5%	2.4%	3.0%	2.9%
42	ASLGRP	STATE AND LOCAL...........	1.3%	8.2%	7.5%	7.2%	5.7%	4.9%	4.6%	4.4%	4.9%	4.7%
43	AFDGRP	FEDERAL...................	.8%	-.3%	.2%	.2%	-1.0%	-1.4%	-1.6%	-1.6%	-1.1%	-1.1%
44												
45	AFMRSP	FARMING.....................	.0%	3.0%	2.5%	.5%	-.8%	-1.0%	-.4%	.2%	.3%	.2%

TAB. 2.10 OUTPUT SECTOR -- INDUSTRY SHARE OF TOTAL (%)
1 & 2-DIGIT SIC INDUSTRY GROUPS

	LABEL	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1											
2	TOTAL REAL GROSS STATE PRODUCT	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
3											
4	MANUFACTURING................	29.276	30.221	29.472	29.311	27.351	26.974	27.117	27.413	27.301	27.182
5											
6	NONDURABLE..................	14.807	15.443	15.780	15.822	15.210	14.838	14.935	15.144	15.104	15.020
7	FOOD......................	2.032	2.134	2.197	2.332	2.420	2.396	2.350	2.297	2.256	2.206
8	TEXTILE...................	3.040	3.063	3.046	3.060	2.802	2.563	2.589	2.635	2.548	2.484
9	APPAREL...................	2.541	2.530	2.671	2.780	2.892	2.934	2.996	3.063	3.138	3.193
10	PAPER.....................	2.625	2.840	2.884	2.707	2.439	2.368	2.391	2.454	2.467	2.410
11	PRINTING, PUBLISHING.....	.816	.838	.838	.876	.889	.872	.881	.914	.925	.937
12	CHEMICAL..................	1.871	2.032	2.077	2.025	1.877	1.911	1.927	1.928	1.923	1.901
13	RUBBER, PLASTIC..........	1.585	1.712	1.770	1.655	1.502	1.411	1.438	1.496	1.497	1.549
14	OTHER NONDURABLE.........	.291	.290	.297	.387	.390	.384	.364	.357	.348	.340
15											
16	DURABLE.....................	14.469	14.778	13.692	13.489	12.141	12.139	12.181	12.270	12.203	12.161
17	LUMBER....................	1.845	1.869	1.645	1.566	1.411	1.193	1.087	1.011	.882	.788
18	FURNITURE.................	.416	.401	.385	.414	.371	.336	.334	.343	.329	.332
19	PRIMARY METAL............	5.073	4.887	4.295	4.092	3.463	3.766	3.821	3.861	3.910	3.882
20	FABRICATED METAL.........	1.850	1.885	1.786	1.786	1.610	1.613	1.661	1.707	1.705	1.727
21	NONELECTRICAL MACHINERY..	1.112	1.143	1.119	1.193	1.224	1.136	1.145	1.151	1.139	1.133
22	ELECTRICAL MACHINERY.....	1.123	1.240	1.177	1.391	1.426	1.460	1.523	1.591	1.658	1.721
23	ALL TRANS EQUIP..........	1.751	2.129	2.103	1.884	1.521	1.540	1.545	1.535	1.511	1.488
24	STONE, CLAY, GLASS.......	.811	.782	.734	.757	.720	.731	.729	.760	.779	.822
25	OTHER DURABLE............	.483	.442	.443	.408	.394	.365	.336	.310	.290	.269
26											
27	MINING......................	1.356	1.626	1.905	1.306	1.696	1.744	1.790	1.857	1.949	2.040
28											
29	CONSTRUCTION................	4.605	3.952	3.702	3.105	2.867	2.948	3.118	3.254	3.563	3.937
30											
31	TRADE.......................	15.716	15.514	15.113	15.671	16.138	16.356	16.273	16.116	15.956	15.834
32											
33	SERVICES....................	9.469	9.301	9.460	9.791	10.140	9.821	9.490	9.211	9.011	8.780
34											
35	FINANCE, INSUR, REAL ESTATE..	12.343	12.217	12.500	13.061	13.566	13.651	13.734	13.885	14.255	14.652
36	BANKING....................	3.233	3.270	3.395	3.473	3.646	3.689	3.780	3.873	4.004	4.122
37	NONBANKING.................	9.110	8.947	9.107	9.589	9.920	9.962	9.955	10.012	10.250	10.530
38											
39	TRANS, COMM, PUB UTIL........	9.412	9.489	9.808	9.957	9.884	10.079	10.241	10.310	10.332	10.468
40	TRANSPORTATION.............	4.181	4.035	3.942	3.920	3.700	3.746	3.736	3.672	3.582	3.518
41	COMMUNICATION..............	3.333	3.612	3.949	4.121	4.234	4.392	4.515	4.698	4.841	5.067
42	PUBLIC UTILITIES...........	1.899	1.843	1.917	1.916	1.950	1.941	1.990	1.939	1.909	1.833
43											
44	GOVERNMENT..................	14.630	14.666	15.421	15.374	15.884	15.974	15.851	15.683	15.475	15.081
45	STATE AND LOCAL............	8.394	8.529	8.835	8.815	9.127	9.497	9.690	9.835	9.938	9.899
46	FEDERAL....................	6.242	6.137	6.586	6.558	6.757	6.476	6.162	5.848	5.536	5.182
47											
48	FARMING.....................	3.191	3.012	2.619	2.423	2.478	2.453	2.387	2.273	2.156	2.027

TAB. 2.10 'OUTPUT SECTOR -- INDUSTRY SHARE OF TOTAL (%)
1 & 2-DIGIT SIC INDUSTRY GROUPS

	LABEL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1											
2	TOTAL REAL GROSS STATE PRODUCT	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
3											
4	MANUFACTURING................	27.351	26.974	27.117	27.413	27.301	27.182	27.031	26.733	26.243	25.913
5											
6	NONDURABLE..................	15.210	14.838	14.935	15.144	15.104	15.020	14.918	14.755	14.533	14.293
7	FOOD....................	2.420	2.396	2.350	2.297	2.256	2.206	2.153	2.107	2.065	2.005
8	TEXTILE.................	2.802	2.563	2.589	2.635	2.548	2.484	2.404	2.341	2.229	2.128
9	APPAREL.................	2.892	2.934	2.996	3.063	3.138	3.193	3.238	3.276	3.318	3.331
10	PAPER...................	2.439	2.368	2.391	2.454	2.467	2.410	2.387	2.341	2.305	2.268
11	PRINTING, PUBLISHING.....	.889	.872	.881	.914	.925	.937	.949	.960	.960	.953
12	CHEMICAL................	1.877	1.911	1.927	1.928	1.923	1.901	1.874	1.832	1.784	1.744
13	RUBBER, PLASTIC..........	1.502	1.411	1.438	1.496	1.497	1.549	1.587	1.583	1.563	1.567
14	OTHER NONDURABLE.........	.390	.384	.364	.357	.348	.340	.325	.317	.309	.298
15											
16	DURABLE....................	12.141	12.139	12.181	12.270	12.203	12.161	12.113	11.977	11.710	11.620
17	LUMBER..................	1.411	1.193	1.087	1.011	.882	.788	.725	.640	.537	.473
18	FURNITURE...............	.371	.336	.334	.343	.329	.332	.343	.345	.329	.334
19	PRIMARY METAL............	3.463	3.766	3.821	3.861	3.910	3.882	3.841	3.773	3.687	3.648
20	FABRICATED METAL.........	1.610	1.613	1.661	1.707	1.705	1.727	1.739	1.730	1.687	1.689
21	NONELECTRICAL MACHINERY..	1.224	1.136	1.145	1.151	1.139	1.133	1.119	1.097	1.055	1.023
22	ELECTRICAL MACHINERY.....	1.426	1.460	1.523	1.591	1.658	1.721	1.780	1.847	1.908	1.971
23	ALL TRANS EQUIP..........	1.521	1.540	1.545	1.535	1.511	1.488	1.455	1.425	1.382	1.342
24	STONE, CLAY, GLASS.......	.720	.731	.729	.760	.779	.822	.864	.893	.913	.945
25	OTHER DURABLE............	.394	.365	.336	.310	.290	.269	.248	.229	.213	.196
26											
27	MINING......................	1.696	1.744	1.790	1.857	1.949	2.040	2.145	2.252	2.356	2.465
28											
29	CONSTRUCTION................	2.867	2.948	3.118	3.254	3.563	3.937	4.365	4.854	5.344	5.816
30											
31	TRADE.......................	16.138	16.356	16.273	16.116	15.956	15.834	15.765	15.670	15.587	15.536
32											
33	SERVICES....................	10.140	9.821	9.490	9.211	9.011	8.780	8.543	8.333	8.151	7.935
34											
35	FINANCE, INSUR, REAL ESTATE..	13.566	13.651	13.734	13.885	14.255	14.652	15.051	15.493	15.990	16.391
36	BANKING...................	3.646	3.689	3.780	3.873	4.004	4.122	4.227	4.336	4.456	4.546
37	NONBANKING................	9.920	9.962	9.955	10.012	10.250	10.530	10.825	11.158	11.534	11.845
38											
39	TRANS, COMM, PUB UTIL........	9.884	10.079	10.241	10.310	10.332	10.468	10.597	10.708	10.747	10.863
40	TRANSPORTATION............	3.700	3.746	3.736	3.672	3.582	3.518	3.448	3.357	3.256	3.176
41	COMMUNICATION.............	4.234	4.392	4.515	4.698	4.841	5.067	5.287	5.518	5.687	5.909
42	PUBLIC UTILITIES..........	1.950	1.941	1.990	1.939	1.909	1.883	1.863	1.834	1.804	1.778
43											
44	GOVERNMENT..................	15.884	15.974	15.651	15.683	15.475	15.081	14.596	14.150	13.859	13.452
45	STATE AND LOCAL...........	9.127	9.497	9.690	9.835	9.938	9.899	9.779	9.665	9.642	9.521
46	FEDERAL...................	6.757	6.476	6.162	5.848	5.536	5.182	4.817	4.485	4.217	3.931
47											
48	FARMING.....................	2.478	2.453	2.387	2.273	2.156	2.027	1.907	1.808	1.725	1.630

TAB. 2.20 OUTPUT SECTOR -- CURRENT $ (BILLIONS)
1 & 2-DIGIT SIC INDUSTRY GROUPS

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1											
2 ATGSP	TOTAL GROSS STATE PRODUCT.....	28.812	31.737	33.462	35.525	37.453	41.300	46.115	51.868	57.891	64.635
3											
4 AMFGSP	MANUFACTURING.................	8.179	9.170	9.504	9.846	9.438	10.174	11.247	12.710	13.950	15.320
5											
6 ANMGSP	NONDURABLE.................	4.109	4.606	5.031	5.278	5.162	5.484	6.030	6.823	7.493	8.201
7 AFDGSP	FOOD......................	.564	.637	.701	.778	.821	.885	.949	1.035	1.120	1.204
8 ATXGSP	TEXTILE...................	.844	.914	.972	1.021	.951	.947	1.045	1.187	1.264	1.356
9 AAPGSP	APPAREL...................	.706	.755	.852	.927	.981	1.084	1.210	1.380	1.557	1.744
10 APAGSP	PAPER.....................	.728	.847	.919	.903	.828	.875	.965	1.106	1.224	1.316
11 APTGSP	PRINTING, PUBLISHING.....	.226	.250	.268	.292	.302	.322	.356	.412	.459	.512
12 ACHGSP	CHEMICAL..................	.520	.606	.662	.675	.637	.706	.778	.869	.954	1.038
13 ARBGSP	RUBBER, PLASTIC...........	.440	.510	.564	.552	.510	.521	.581	.674	.743	.846
14 AONGSP	OTHER NONDURABLE..........	.081	.087	.094	.129	.132	.142	.147	.161	.173	.186
15											
16 ADMGSP	DURABLE....................	4.070	4.564	4.473	4.569	4.276	4.692	5.217	5.887	6.459	7.118
17 ALUGSP	LUMBER....................	.519	.577	.538	.530	.497	.461	.466	.485	.467	.461
18 AFUGSP	FURNITURE.................	.117	.124	.126	.140	.131	.130	.143	.165	.174	.194
19 APMGSP	PRIMARY METAL.............	1.428	1.509	1.403	1.386	1.220	1.455	1.636	1.852	2.069	2.272
20 AFPGSP	FABRICATED METAL..........	.520	.582	.583	.605	.567	.625	.711	.819	.903	1.011
21 AMYGSP	NONELECTRICAL MACHINERY..	.313	.354	.365	.404	.431	.439	.491	.552	.603	.663
22 AELGSP	ELECTRICAL MACHINERY.....	.315	.384	.385	.471	.502	.564	.652	.764	.878	1.007
23 AATGSP	ALL TRANS EQUIP...........	.493	.657	.688	.638	.536	.595	.662	.736	.800	.871
24 ASCGSP	STONE, CLAY, GLASS.......	.228	.242	.240	.256	.254	.283	.312	.365	.412	.481
25 AODGSP	OTHER DURABLE.............	.137	.137	.144	.138	.139	.141	.144	.149	.153	.157
26											
27 AMIGSP	MINING........................	.687	.888	1.005	.774	1.091	1.277	1.504	1.789	2.131	2.562
28 ACSGSP	CONSTRUCTION..................	1.505	1.510	1.564	1.426	1.375	1.593	1.892	2.254	2.733	3.425
29 ATRGSP	TRADE.........................	4.436	4.826	5.040	5.551	6.230	7.053	7.954	8.791	9.621	10.526
30 ASVGSP	SERVICES......................	2.817	3.101	3.402	3.616	4.037	4.299	4.617	4.982	5.402	5.826
31											
32 AFIGSP	FINANCE, INSUR, REAL ESTATE..	3.365	3.709	3.982	4.512	4.873	5.355	5.903	6.622	7.514	8.501
33 AGSPBK	BANKING.....................	.881	.993	1.081	1.200	1.310	1.447	1.625	1.847	2.111	2.392
34 AGSPNB	NONBANKING..................	2.484	2.716	2.900	3.312	3.563	3.908	4.278	4.775	5.404	6.109
35											
36 ATUGSP	TRANS, COMM, PUB UTIL........	2.579	2.776	3.036	3.446	3.610	4.164	4.820	5.588	6.341	7.318
37 AGSPTN	TRANSPORTATION..............	1.202	1.288	1.378	1.357	1.351	1.548	1.759	1.990	2.198	2.459
38 AGSPCN	COMMUNICATION...............	.775	.863	.951	1.426	1.547	1.814	2.125	2.547	2.971	3.543
39 AGSPPU	PUBLIC UTILITIES............	.601	.625	.707	.663	.712	.802	.937	1.051	1.171	1.317
40											
41 AGVGSP	GOVERNMENT....................	4.237	4.633	5.098	5.458	5.897	6.434	7.163	8.059	9.088	10.009
42 ASLGGP	STATE AND LOCAL.............	2.430	2.695	2.921	3.130	3.389	3.825	4.378	5.054	5.837	6.570
43 AFDGGP	FEDERAL.....................	1.807	1.939	2.178	2.328	2.509	2.609	2.784	3.005	3.251	3.439
44											
45 AFMGSP	FARMING.......................	1.009	1.125	.831	.897	.901	.952	1.016	1.074	1.109	1.150

TAB. 2.20 OUTPUT SECTOR -- CURRENT $ (BILLIONS)
1 & 2-DIGIT SIC INDUSTRY GROUPS

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2	ATGSP	TOTAL GROSS STATE PRODUCT	37.453	41.300	46.115	51.868	57.891	64.635	72.210	80.249	88.678	98.753
3												
4	AMFGSP	MANUFACTURING	9.438	10.174	11.247	12.710	13.950	15.320	16.801	18.228	19.604	21.267
5												
6	ANMGSP	NONDURABLE	5.162	5.484	6.030	6.823	7.493	8.201	8.970	9.712	10.462	11.261
7	AFDGSP	FOOD	.821	.885	.949	1.035	1.120	1.204	1.295	1.387	1.486	1.580
8	ATXGSP	TEXTILE	.951	.947	1.045	1.187	1.264	1.356	1.446	1.541	1.605	1.676
9	AAPGSP	APPAREL	.981	1.084	1.210	1.380	1.557	1.744	1.947	2.156	2.389	2.624
10	APAGSP	PAPER	.828	.875	.965	1.106	1.224	1.316	1.435	1.541	1.660	1.787
11	APTGSP	PRINTING, PUBLISHING	.302	.322	.356	.412	.459	.512	.571	.632	.691	.751
12	ACHGSP	CHEMICAL	.637	.706	.778	.869	.954	1.038	1.127	1.205	1.285	1.374
13	ARBGSP	RUBBER, PLASTIC	.510	.521	.581	.674	.743	.846	.954	1.042	1.125	1.235
14	AONGSP	OTHER NONDURABLE	.132	.142	.147	.161	.173	.186	.195	.208	.222	.235
15												
16	ADMGSP	DURABLE	4.276	4.692	5.217	5.887	6.459	7.118	7.831	8.516	9.142	10.006
17	ALUGSP	LUMBER	.497	.461	.466	.485	.467	.461	.468	.455	.419	.407
18	AFUGSP	FURNITURE	.131	.130	.143	.165	.174	.194	.221	.245	.257	.288
19	APMGSP	PRIMARY METAL	1.220	1.455	1.636	1.852	2.069	2.272	2.483	2.683	2.878	3.141
20	AFPGSP	FABRICATED METAL	.567	.623	.711	.819	.903	1.011	1.124	1.230	1.317	1.454
21	AMYGSP	NONELECTRICAL MACHINERY	.431	.439	.491	.552	.603	.663	.724	.780	.824	.881
22	AELGSP	ELECTRICAL MACHINERY	.502	.564	.652	.764	.878	1.007	1.151	1.313	1.489	1.697
23	AATGSP	ALL TRANS EQUIP	.536	.595	.662	.736	.800	.871	.941	1.013	1.079	1.156
24	ASCGSP	STONE, CLAY, GLASS	.254	.283	.312	.365	.412	.481	.558	.635	.713	.814
25	AODGSP	OTHER DURABLE	.139	.141	.144	.149	.153	.157	.160	.163	.166	.169
26												
27	AMIGSP	MINING	1.091	1.277	1.504	1.789	2.131	2.562	3.112	3.738	4.459	5.362
28	ACSGSP	CONSTRUCTION	1.375	1.593	1.892	2.254	2.733	3.425	4.302	5.343	6.501	8.007
29	ATRGSP	TRADE	6.230	7.053	7.954	8.791	9.621	10.526	11.575	12.692	13.794	15.164
30	ASVGSP	SERVICES	4.037	4.299	4.617	4.982	5.402	5.826	6.285	6.775	7.255	7.812
31												
32	AFIGSP	FINANCE, INSUR, REAL ESTATE	4.873	5.355	5.903	6.622	7.514	8.501	9.691	10.950	12.361	13.922
33	AGSPBK	BANKING	1.310	1.447	1.625	1.847	2.111	2.392	2.721	3.065	3.445	3.861
34	AGSPNB	NONBANKING	3.563	3.908	4.278	4.775	5.404	6.109	6.969	7.886	8.916	10.061
35												
36	ATUGSP	TRANS, COMM, PUB UTIL	3.610	4.164	4.820	5.588	6.341	7.318	8.281	9.286	10.269	11.516
37	AGSPTN	TRANSPORTATION	1.351	1.548	1.759	1.990	2.198	2.459	2.694	2.911	3.111	3.367
38	AGSPCN	COMMUNICATION	1.547	1.814	2.125	2.547	2.971	3.543	4.131	4.785	5.435	6.264
39	AGSPPU	PUBLIC UTILITIES	.712	.802	.937	1.051	1.171	1.317	1.456	1.590	1.724	1.885
40												
41	AGVGSP	GOVERNMENT	5.897	6.434	7.163	8.059	9.088	10.009	10.965	11.984	13.122	14.332
42	ASLGGP	STATE AND LOCAL	3.389	3.825	4.378	5.054	5.837	6.570	7.347	8.185	9.129	10.144
43	AFDGGP	FEDERAL	2.509	2.609	2.784	3.005	3.251	3.439	3.619	3.798	3.993	4.188
44												
45	AFMGSP	FARMING	.901	.952	1.016	1.074	1.109	1.150	1.198	1.254	1.314	1.373

TAB. 2.21 OUTPUT SECTOR -- GROWTH RATES
1 & 2-DIGIT SIC INDUSTRY GROUPS

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2	ATGSP	TOTAL GROSS STATE PRODUCT.....	12.6%	10.2%	5.4%	6.2%	5.4%	10.3%	11.7%	12.5%	11.6%	11.6%
3												
4	AMFGSP	MANUFACTURING.................	12.6%	12.1%	3.6%	3.6%	-4.1%	7.8%	10.5%	13.0%	9.8%	9.8%
5												
6	ANMGSP	NONDURABLE.................	7.8%	12.1%	9.2%	4.9%	-2.2%	6.2%	10.0%	13.2%	9.8%	9.4%
7	AFDGSP	FOOD.....................	7.6%	12.9%	10.0%	11.0%	5.6%	7.8%	7.2%	9.1%	8.2%	7.6%
8	ATXGSP	TEXTILE..................	4.9%	8.3%	6.3%	5.1%	-6.8%	-.4%	10.3%	13.6%	6.4%	7.3%
9	AAPGSP	APPAREL..................	8.4%	7.0%	12.8%	8.9%	5.8%	10.5%	11.6%	14.1%	12.8%	12.0%
10	APAGSP	PAPER....................	8.8%	16.4%	8.5%	-1.8%	-8.3%	5.7%	10.3%	14.5%	10.7%	7.5%
11	APTGSP	PRINTING, PUBLISHING.....	6.4%	10.6%	7.2%	9.0%	3.2%	6.9%	10.3%	15.9%	11.3%	11.6%
12	ACHGSP	CHEMICAL.................	8.4%	16.6%	9.3%	2.0%	-5.7%	10.9%	10.1%	11.7%	9.9%	8.8%
13	ARBGSP	RUBBER, PLASTIC..........	12.3%	15.8%	10.6%	-2.1%	-7.7%	2.3%	11.4%	16.1%	10.1%	13.9%
14	AONGSP	OTHER NONDURABLE.........	3.7%	7.4%	8.2%	37.3%	2.6%	7.1%	3.6%	9.5%	7.2%	7.5%
15												
16	ADMGSP	DURABLE....................	17.8%	12.1%	-2.0%	2.1%	-6.4%	9.7%	11.2%	12.8%	9.7%	10.2%
17	ALUGSP	LUMBER...................	17.5%	11.1%	-6.8%	-1.4%	-6.3%	-7.3%	1.0%	4.2%	-3.8%	-1.2%
18	AFUGSP	FURNITURE................	29.9%	5.4%	2.3%	11.0%	-6.8%	-.6%	10.0%	15.1%	5.9%	11.4%
19	APMGSP	PRIMARY METAL............	16.2%	5.7%	-7.0%	-1.2%	-12.0%	19.3%	12.4%	13.2%	11.7%	9.8%
20	AFPGSP	FABRICATED METAL.........	13.3%	11.9%	.2%	3.8%	-6.2%	9.9%	14.1%	15.2%	10.2%	12.0%
21	AMYGSP	NONELECTRICAL MACHINERY..	27.5%	13.2%	3.3%	10.6%	6.7%	1.8%	11.7%	12.5%	9.2%	10.1%
22	AELGSP	ELECTRICAL MACHINERY.....	26.6%	21.7%	.3%	22.3%	6.6%	12.3%	15.7%	17.0%	14.9%	14.8%
23	AATGSP	ALL TRANS EQUIP..........	16.6%	33.2%	4.7%	-7.2%	-16.0%	11.1%	11.2%	11.3%	8.6%	8.9%
24	ASCGSP	STONE, CLAY, GLASS.......	14.4%	5.8%	-.6%	6.7%	-1.1%	11.5%	10.4%	16.8%	13.1%	16.7%
25	AODGSP	OTHER DURABLE............	14.4%	-.0%	5.5%	-4.1%	.4%	1.6%	2.2%	3.4%	3.0%	2.5%
26												
27	AMIGSP	MINING.......................	12.1%	29.3%	13.2%	-23.0%	41.0%	17.0%	17.8%	18.9%	19.1%	20.2%
28	ACSGSP	CONSTRUCTION.................	8.8%	.3%	3.6%	-8.8%	-3.5%	15.8%	18.8%	19.1%	21.2%	25.3%
29	ATRGSP	TRADE........................	7.6%	8.8%	4.4%	10.1%	12.2%	13.2%	12.8%	10.5%	9.4%	9.4%
30	ASVGSP	SERVICES.....................	14.3%	10.1%	9.7%	6.3%	11.7%	6.5%	7.4%	7.9%	8.4%	7.9%
31												
32	AFIGSP	FINANCE, INSUR, REAL ESTATE..	9.6%	10.2%	7.4%	13.3%	8.0%	9.9%	10.2%	12.2%	13.5%	13.1%
33	AGSPBK	BANKING....................	11.9%	12.6%	8.9%	10.9%	9.2%	10.5%	12.3%	13.7%	14.3%	13.3%
34	AGSPNB	NONBANKING.................	8.8%	9.3%	6.8%	14.2%	7.6%	9.7%	9.5%	11.6%	13.2%	13.1%
35												
36	ATUGSP	TRANS, COMM, PUB UTIL........	16.9%	7.6%	9.4%	13.5%	4.8%	15.3%	15.8%	15.9%	13.5%	15.4%
37	AGSPTN	TRANSPORTATION.............	13.0%	7.2%	7.0%	-1.5%	-.4%	14.5%	13.6%	13.2%	10.5%	11.9%
38	AGSPCN	COMMUNICATION..............	13.8%	11.3%	10.3%	49.9%	8.5%	17.3%	17.1%	19.8%	16.7%	19.2%
39	AGSPPU	PUBLIC UTILITIES...........	30.3%	3.9%	13.1%	-6.2%	7.4%	12.6%	16.8%	12.2%	11.4%	12.4%
40												
41	AGVGSP	GOVERNMENT...................	12.3%	9.3%	10.0%	7.1%	8.1%	9.1%	11.3%	12.5%	12.8%	10.1%
42	ASLGGP	STATE AND LOCAL............	17.1%	10.9%	8.4%	7.1%	8.3%	12.9%	14.5%	15.4%	15.5%	12.6%
43	AFDGGP	FEDERAL....................	6.5%	7.3%	12.3%	6.9%	7.8%	4.0%	6.7%	7.9%	8.2%	5.8%
44												
45	AFMGSP	FARMING......................	45.8%	11.5%	-26.1%	7.9%	.5%	5.6%	6.8%	5.7%	3.3%	3.7%

TAB. 2.21 OUTPUT SECTOR -- GROWTH RATES
1 & 2-DIGIT SIC INDUSTRY GROUPS

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2	ATGSP	TOTAL GROSS STATE PRODUCT.....	5.4%	10.3%	11.7%	12.5%	11.6%	11.6%	11.7%	11.1%	10.5%	11.4%
3												
4	AMFGSP	MANUFACTURING................	-4.1%	7.8%	10.5%	13.0%	9.8%	9.8%	9.7%	8.5%	7.5%	8.5%
5												
6	ANMGSP	NONDURABLE.................	-2.2%	6.2%	10.0%	13.2%	9.8%	9.4%	9.4%	8.3%	7.7%	7.6%
7	AFDGSP	FOOD.....................	5.6%	7.8%	7.2%	9.1%	8.2%	7.6%	7.5%	7.1%	7.2%	6.3%
8	ATXGSP	TEXTILE..................	-6.8%	-.4%	10.3%	13.6%	6.4%	7.3%	6.6%	6.6%	4.2%	4.5%
9	AAPGSP	APPAREL..................	5.8%	10.5%	11.6%	14.1%	12.8%	12.0%	11.7%	10.7%	10.8%	9.9%
10	APAGSP	PAPER....................	-8.3%	5.7%	10.3%	14.5%	10.7%	7.5%	9.1%	7.4%	7.7%	7.7%
11	APTGSP	PRINTING, PUBLISHING.....	3.2%	6.9%	10.3%	15.9%	11.3%	11.6%	11.5%	10.8%	9.3%	8.6%
12	ACHGSP	CHEMICAL.................	-5.7%	10.9%	10.1%	11.7%	9.9%	8.8%	8.6%	7.0%	6.6%	7.0%
13	ARBGSP	RUBBER, PLASTIC..........	-7.7%	2.3%	11.4%	16.1%	10.1%	13.9%	12.8%	9.1%	8.0%	9.7%
14	AONGSP	OTHER NONDURABLE.........	2.6%	7.1%	3.6%	9.5%	7.2%	7.5%	5.3%	6.7%	6.7%	5.6%
15												
16	ADMGSP	DURABLE....................	-6.4%	9.7%	11.2%	12.8%	9.7%	10.2%	10.0%	8.8%	7.3%	9.5%
17	ALUGSP	LUMBER...................	-6.3%	-7.3%	1.0%	4.2%	-3.8%	-1.2%	1.6%	-2.9%	-7.8%	-2.9%
18	AFUGSP	FURNITURE................	-6.8%	-.6%	10.0%	15.1%	5.9%	11.4%	14.0%	10.6%	4.7%	12.1%
19	APMGSP	PRIMARY METAL............	-12.0%	19.3%	12.4%	13.2%	11.7%	9.8%	9.3%	8.0%	7.3%	9.1%
20	AFPGSP	FABRICATED METAL.........	-6.2%	9.9%	14.1%	15.2%	10.2%	12.0%	11.2%	9.4%	7.1%	10.4%
21	AMYGSP	NONELECTRICAL MACHINERY..	6.7%	1.8%	11.7%	12.5%	9.2%	10.1%	9.1%	7.8%	5.6%	6.9%
22	AELGSP	ELECTRICAL MACHINERY.....	6.6%	12.3%	15.7%	17.0%	14.9%	14.8%	14.2%	14.1%	13.4%	13.9%
23	AATGSP	ALL TRANS EQUIP..........	-16.0%	11.1%	11.2%	11.3%	8.6%	8.9%	8.0%	7.7%	6.5%	7.1%
24	ASCGSP	STONE, CLAY, GLASS.......	-1.1%	11.5%	10.4%	16.8%	13.1%	16.7%	16.0%	13.7%	12.2%	14.2%
25	AODGSP	OTHER DURABLE............	.4%	1.6%	2.2%	3.4%	3.0%	2.5%	1.9%	1.7%	2.0%	1.6%
26												
27	AMIGSP	MINING.......................	41.0%	17.0%	17.8%	18.9%	19.1%	20.2%	21.5%	20.1%	19.3%	20.3%
28	ACSGSP	CONSTRUCTION.................	-3.5%	15.8%	18.8%	19.1%	21.2%	25.3%	25.6%	24.2%	21.7%	23.2%
29	ATRGSP	TRADE........................	12.2%	13.2%	12.8%	10.5%	9.4%	9.4%	10.0%	9.6%	8.7%	9.9%
30	ASVGSP	SERVICES.....................	11.7%	6.5%	7.4%	7.9%	8.4%	7.9%	7.9%	7.8%	7.1%	7.7%
31												
32	AFIGSP	FINANCE, INSUR, REAL ESTATE..	8.0%	9.9%	10.2%	12.2%	13.5%	13.1%	14.0%	13.0%	12.9%	12.6%
33	AGSPBK	BANKING....................	9.2%	10.5%	12.3%	13.7%	14.3%	13.3%	13.8%	12.6%	12.4%	12.1%
34	AGSPNB	NONBANKING.................	7.6%	9.7%	9.5%	11.6%	13.2%	13.1%	14.1%	13.2%	13.1%	12.8%
35												
36	ATUGSP	TRANS, COMM, PUB UTIL........	4.8%	15.3%	15.8%	15.9%	13.5%	15.4%	13.2%	12.1%	10.6%	12.1%
37	AGSPTN	TRANSPORTATION.............	-.4%	14.5%	13.6%	13.2%	10.5%	11.9%	9.6%	8.0%	6.9%	8.2%
38	AGSPCN	COMMUNICATION..............	8.5%	17.3%	17.1%	19.8%	16.7%	19.2%	16.6%	15.8%	13.6%	15.3%
39	AGSPPU	PUBLIC UTILITIES...........	7.4%	12.6%	16.8%	12.2%	11.4%	12.4%	10.6%	9.2%	8.4%	9.3%
40												
41	AGVGSP	GOVERNMENT...................	8.1%	9.1%	11.3%	12.5%	12.8%	10.1%	9.6%	9.3%	9.5%	9.2%
42	ASLGGP	STATE AND LOCAL............	8.3%	12.9%	14.5%	15.4%	15.5%	12.6%	11.8%	11.4%	11.5%	11.1%
43	AFDGGP	FEDERAL....................	7.8%	4.0%	6.7%	7.9%	8.2%	5.8%	5.2%	5.0%	5.1%	4.9%
44												
45	AFMGSP	FARMING......................	.5%	5.6%	6.8%	5.7%	3.3%	3.7%	4.2%	4.7%	4.8%	4.5%

TAB. 3.00 EMPLOYMENT SECTOR -- NUMBER EMPLOYED (THOUSANDS)

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1	AETO	TOTAL EMPLOYMENT..............	1651.561	1677.904	1673.288	1664.432	1650.764	1670.124	1693.697	1733.078	1762.981	1796.840
2												
3	AEPR	PROPRIETORS'..................	171.768	176.006	178.024	173.988	171.662	172.406	174.654	177.579	180.387	183.531
4	AEPRNF	NONFARM	98.157	102.409	105.683	102.049	100.071	101.110	103.625	106.775	109.763	113.089
5	AEPRF	FARM	73.611	73.597	72.341	71.938	71.591	71.290	71.031	70.806	70.612	70.444
6												
7	AWSET	WAGE & SALARY.................	1479.793	1501.898	1495.264	1490.451	1479.098	1497.622	1519.190	1555.657	1582.298	1613.424
8												
9	AWSEMF	MANUFACTURING..............	367.766	375.605	364.591	363.994	348.575	340.375	340.141	348.036	351.537	355.940
10	AWSENM	NONDURABLE................	188.012	188.558	188.324	188.248	181.869	179.124	176.566	180.066	181.632	183.378
11	AWSEFD	FOOD....................	27.606	28.159	28.413	28.555	27.898	28.490	28.242	27.800	27.568	27.287
12	AWSETX	TEXTILE.................	45.604	44.061	42.916	42.315	38.930	36.345	32.456	33.315	32.790	32.177
13	AWSEAP	APPAREL.................	53.708	52.886	54.134	54.459	54.296	56.611	58.414	60.412	62.415	64.394
14	AWSEPA	PAPER...................	19.534	20.492	20.020	20.961	20.600	19.337	19.434	19.646	19.728	19.619
15	AWSEPT	PRINTING, PUBLISHING...	9.749	10.100	10.076	10.207	10.156	9.880	10.143	10.618	10.909	11.257
16	AWSECH	CHEMICAL................	15.188	15.987	15.574	14.531	13.732	13.432	13.427	13.400	13.395	13.328
17	AWSERB	RUBBER, PLASTIC........	13.502	14.333	14.647	14.676	13.746	12.961	12.983	13.650	13.682	14.288
18	AWSEON	OTHER NONDURABLE.......	3.121	2.540	2.544	2.544	2.511	2.055	1.485	1.242	1.112	1.039
19												
20	AWSEDM	DURABLE..................	179.754	187.047	176.267	175.746	166.706	161.352	163.577	167.976	170.044	172.559
21	AWSELU	LUMBER..................	30.141	30.762	28.222	27.375	26.417	25.008	24.019	22.958	21.258	19.911
22	AWSEFU	FURNITURE...............	7.890	8.210	7.963	8.466	6.608	6.543	6.734	7.084	6.907	6.962
23	AWSEPM	PRIMARY METAL..........	45.185	44.822	39.304	36.946	31.441	30.937	31.771	33.589	34.560	34.817
24	AWSEFB	FABRICATED METAL.......	25.466	26.221	25.398	26.058	23.999	22.957	23.351	24.097	24.667	25.389
25	AWSEMY	NONELECTRICAL MACHINERY	14.975	16.107	15.844	15.425	16.438	16.108	15.469	15.773	15.974	16.290
26	AWSEEL	ELECTRICAL MACHINERY...	16.344	18.954	18.486	19.621	20.856	20.714	21.952	23.191	24.614	26.083
27	AWSETM	ALL TRANS EQUIP........	20.261	23.430	23.249	23.923	23.800	21.646	22.505	23.054	23.262	23.639
28	AWSESC	STONE, CLAY, GLASS.....	10.842	10.682	9.907	9.739	9.125	9.202	9.367	9.634	9.994	10.478
29	AWSEOD	OTHER DURABLE..........	8.650	7.859	7.894	8.194	8.022	8.230	8.417	8.603	8.795	8.994
30												
31	AWSEMI	MINING.....................	13.870	16.652	16.804	15.140	16.360	16.672	15.132	15.568	15.840	16.289
32	AWSECS	CONSTRUCTION...............	78.705	75.260	71.107	65.987	63.479	63.694	62.818	67.596	66.866	73.124
33	AWSETR	TRADE......................	269.212	275.795	273.314	272.221	275.215	292.176	307.638	317.758	326.078	333.239
34	AWSESV	SERVICES...................	255.806	256.188	257.581	266.681	270.948	268.354	265.144	262.818	263.635	264.930
35												
36	AWSEFI	FINANCE, INSUR, REAL ESTATE	57.094	58.540	59.126	59.776	59.656	61.197	63.126	65.657	67.949	70.644
37	AWSEBK	BANKING..................	18.642	19.524	20.056	20.056	20.016	20.006	20.600	21.758	22.209	22.578
38	AWSENB	NONBANKING...............	38.452	39.016	39.070	39.720	39.641	41.189	42.528	43.901	45.73	48.069
39												
40	AWSETU	TRANS, COMM, PUB UTIL......	70.849	71.683	72.014	71.928	72.900	74.530	76.065	78.732	80.093	82.337
41	AWSETN	TRANSPORTATION...........	34.762	35.128	34.860	35.079	36.335	36.743	36.363	36.715	36.699	37.008
42	AWSECN	COMMUNICATION............	20.517	21.194	21.378	21.479	21.605	22.195	22.936	23.627	24.234	25.161
43	AWSEPU	PUBLIC UTILITIES.........	15.570	15.361	15.776	15.371	14.960	15.590	16.769	18.393	19.155	20.170
44												
45		GOVERNMENT.................	335.868	342.913	350.049	345.038	342.790	351.822	360.533	371.090	382.048	388.784
46	AWSESL	STATE AND LOCAL..........	221.839	229.247	231.119	226.959	225.143	234.102	242.715	252.892	263.250	269.869
47	AWSEFC	FEDERAL CIVILIAN.........	63.616	62.898	65.445	65.052	64.987	65.357	65.693	66.265	67.021	67.264
48	AWSEFS	FEDERAL MILITARY.........	50.413	50.768	53.485	53.027	52.660	52.364	52.125	51.933	51.777	51.652
49												
50	AWSEFM	FARMING....................	24.129	23.109	24.133	22.790	21.965	21.330	20.771	20.248	19.745	19.258

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 3.00 EMPLOYMENT SECTOR -- NUMBER EMPLOYED (THOUSANDS)

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1 AETO	TOTAL EMPLOYMENT..............	1650.764	1670.124	1693.697	1733.078	1762.981	1796.840	1835.448	1873.480	1905.411	1946.961
2											
3 AEPR	PROPRIETORS'..................	171.662	172.406	174.654	177.579	180.387	183.531	187.146	190.888	194.525	198.664
4 AEPRNF	NONFARM	100.071	101.110	103.625	106.775	109.763	113.089	116.850	120.718	124.465	128.698
5 AEPRF	FARM	71.591	71.290	71.031	70.806	70.612	70.444	70.298	70.172	70.062	69.967
6											
7 AWSET	WAGE & SALARY.................	1479.098	1497.622	1519.190	1555.657	1582.298	1613.424	1648.407	1682.694	1710.993	1748.383
8											
9 AWSEMF	MANUFACTURING..............	348.575	340.375	340.141	348.036	351.537	355.940	361.487	365.594	367.435	372.080
10 AWSENM	NONDURABLE...............	181.869	179.124	176.566	180.066	181.632	183.378	185.580	187.530	188.751	190.245
11 AWSEFD	FOOD...................	27.898	28.490	28.242	27.800	27.568	27.287	27.145	27.035	26.996	26.858
12 AWSETX	TEXTILE................	38.930	36.345	32.456	33.315	32.790	32.177	31.572	31.155	30.206	29.269
13 AWSEAP	APPAREL................	54.296	56.611	58.414	60.412	62.415	64.394	66.539	68.573	70.618	72.630
14 AWSEPA	PAPER..................	20.600	19.337	19.434	19.646	19.728	19.619	19.682	19.659	19.660	19.707
15 AWSEPT	PRINTING, PUBLISHING...	10.156	9.880	10.143	10.618	10.909	11.257	11.649	12.036	12.321	12.610
16 AWSECH	CHEMICAL...............	13.732	13.432	13.427	13.400	13.395	13.328	13.320	13.210	13.072	13.024
17 AWSERB	RUBBER, PLASTIC........	13.746	12.961	12.983	13.650	13.682	14.288	14.703	14.922	14.968	15.259
18 AWSEON	OTHER NONDURABLE.......	2.511	2.055	1.485	1.242	1.112	1.039	.987	.954	.928	.905
19											
20 AWSEDM	DURABLE..................	166.706	161.352	163.577	167.976	170.044	172.559	175.903	178.059	178.675	181.823
21 AWSELU	LUMBER.................	26.417	25.008	24.019	22.958	21.258	19.911	18.993	17.842	16.389	15.411
22 AWSEFU	FURNITURE..............	6.608	6.543	6.734	7.084	6.907	6.962	7.232	7.375	7.092	7.195
23 AWSEPM	PRIMARY METAL..........	31.441	30.937	31.771	33.589	34.560	34.817	34.831	34.530	34.107	34.095
24 AWSEFB	FABRICATED METAL.......	23.999	22.957	23.351	24.097	24.667	25.389	26.211	26.861	27.224	27.936
25 AWSEMY	NONELECTRICAL MACHINERY	16.438	16.108	15.469	15.773	15.974	16.290	16.636	16.741	16.621	16.748
26 AWSEEL	ELECTRICAL MACHINERY...	20.856	20.714	21.952	23.191	24.614	26.083	27.771	29.466	31.276	33.400
27 AWSETM	ALL TRANS EQUIP........	23.800	21.646	22.505	23.054	23.262	23.639	23.927	24.224	24.269	24.531
28 AWSESC	STONE, CLAY, GLASS.....	9.125	9.202	9.367	9.634	9.994	10.478	11.108	11.614	12.077	12.662
29 AWSEOD	OTHER DURABLE..........	8.022	8.230	8.417	8.603	8.795	8.994	9.199	9.410	9.627	9.849
30											
31 AWSEMI	MINING.....................	16.360	16.672	15.132	15.568	15.840	16.289	16.762	17.159	17.535	17.442
32 AWSECS	CONSTRUCTION...............	63.479	63.694	62.818	67.596	66.866	73.124	80.126	87.537	92.152	101.104
33 AWSETR	TRADE......................	275.215	292.176	307.638	317.758	326.078	333.239	341.879	351.497	360.570	371.117
34 AWSESV	SERVICES...................	270.948	268.354	265.144	262.818	263.635	264.930	267.390	270.496	273.431	276.779
35											
36 AWSEFI	FINANCE, INSUR, REAL ESTATE	59.656	61.197	63.126	65.657	67.949	70.644	74.083	77.584	80.844	84.323
37 AWSEBK	BANKING..................	20.016	20.006	20.600	21.758	22.209	22.578	23.132	23.527	23.615	23.688
38 AWSENB	NONBANKING...............	39.641	41.189	42.528	43.901	45.734	48.069	50.953	54.059	57.233	60.638
39											
40 AWSETU	TRANS, COMM, PUB UTIL......	72.900	74.530	76.065	78.732	80.093	82.337	84.545	86.455	87.904	90.136
41 AWSETN	TRANSPORTATION...........	36.335	36.743	36.363	36.715	36.699	37.008	37.296	37.437	37.435	37.755
42 AWSECN	COMMUNICATION............	21.605	22.195	22.936	23.627	24.234	25.161	26.198	27.206	27.974	29.002
43 AWSEPU	PUBLIC UTILITIES.........	14.960	15.590	16.769	18.393	19.155	20.170	21.053	21.814	22.500	23.383
44											
45	GOVERNMENT.................	342.790	351.822	360.533	371.090	382.048	388.784	394.095	398.400	403.169	407.478
46 AWSESL	STATE AND LOCAL..........	225.143	234.102	242.715	252.892	263.250	269.869	274.424	277.981	281.698	285.247
47 AWSEFC	FEDERAL CIVILIAN.........	64.987	65.357	65.693	66.265	67.021	67.264	68.1[illegible]	68.951	70.069	70.883
48 AWSEFS	FEDERAL MILITARY.........	52.660	52.364	52.125	51.933	51.777	51.652	51.550	51.468	51.402	51.348
49											
50 AWSEFM	FARMING....................	21.965	21.330	20.771	20.248	19.745	19.258	18.783	18.321	17.870	17.430

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 3.01 EMPLOYMENT SECTOR -- GROWTH RATES

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1	AETO	TOTAL EMPLOYMENT	3.3%	1.6%	-.3%	-.5%	-.8%	1.2%	1.4%	2.3%	1.7%	1.9%
2												
3	AEPR	PROPRIETORS'	.1%	2.5%	1.1%	-2.3%	-1.3%	.4%	1.3%	1.7%	1.6%	1.7%
4	AEPRNF	NONFARM	2.9%	4.3%	3.2%	-3.4%	-1.9%	1.0%	2.5%	3.0%	2.8%	3.0%
5	AEPRF	FARM	-3.3%	-.0%	-1.7%	-.6%	-.5%	-.4%	-.4%	-.3%	-.3%	-.2%
6												
7	AWSET	WAGE & SALARY	3.7%	1.5%	-.4%	-.3%	-.8%	1.3%	1.4%	2.4%	1.7%	2.0%
8												
9	AWSEMF	MANUFACTURING	3.7%	2.1%	-2.9%	-.2%	-4.2%	-2.4%	-.1%	2.3%	1.0%	1.3%
10	AWSENM	NONDURABLE	-.5%	.3%	-.1%	-.0%	-3.4%	-1.5%	-1.4%	2.0%	.9%	1.0%
11	AWSEFD	FOOD	1.0%	2.0%	.9%	.5%	-2.3%	2.1%	-.9%	-1.6%	-.8%	-1.0%
12	AWSETX	TEXTILE	-2.2%	-3.4%	-2.6%	-1.4%	-8.0%	-6.6%	-10.7%	2.6%	-1.6%	-1.9%
13	AWSEAP	APPAREL	.4%	-1.5%	2.4%	.6%	-.3%	4.3%	3.2%	3.4%	3.3%	3.2%
14	AWSEPA	PAPER	-1.7%	4.9%	-2.3%	4.7%	-1.7%	-6.1%	.5%	1.1%	.4%	-.6%
15	AWSEPT	PRINTING, PUBLISHING	.9%	3.6%	-.2%	1.3%	-.5%	-2.7%	2.7%	4.7%	2.7%	3.2%
16	AWSECH	CHEMICAL	.8%	5.3%	-2.6%	-6.7%	-5.5%	-2.2%	-.0%	-.2%	-.0%	-.5%
17	AWSERB	RUBBER, PLASTIC	1.1%	6.2%	2.2%	.2%	-6.3%	-5.7%	.2%	5.1%	.2%	4.4%
18	AWSEON	OTHER NONDURABLE	-9.6%	-18.6%	.2%	-.0%	-1.3%	-18.2%	-27.8%	-16.3%	-10.5%	-6.6%
19												
20	AWSEDM	DURABLE	8.4%	4.1%	-5.8%	-.3%	-5.1%	-3.2%	1.4%	2.7%	1.2%	1.5%
21	AWSELU	LUMBER	5.1%	2.1%	-8.3%	-3.0%	-3.5%	-5.3%	-4.0%	-4.4%	-7.4%	-6.3%
22	AWSEFU	FURNITURE	14.2%	4.1%	-3.0%	6.3%	-21.9%	-1.0%	2.9%	5.2%	-2.5%	.8%
23	AWSEPM	PRIMARY METAL	5.0%	-.8%	-12.3%	-6.0%	-14.9%	-1.6%	2.7%	5.7%	2.9%	.7%
24	AWSEFB	FABRICATED METAL	5.9%	3.0%	-3.1%	2.6%	-7.9%	-4.3%	1.7%	3.2%	2.4%	2.9%
25	AWSEMY	NONELECTRICAL MACHINERY	17.2%	7.6%	-1.6%	-2.6%	6.6%	-2.0%	-4.0%	2.0%	1.3%	2.0%
26	AWSEEL	ELECTRICAL MACHINERY	18.2%	16.0%	-2.5%	6.1%	6.3%	-.7%	6.0%	5.6%	6.1%	6.0%
27	AWSETM	ALL TRANS EQUIP	10.4%	15.6%	-.8%	2.9%	-.5%	-9.1%	4.0%	2.4%	.9%	1.6%
28	AWSESC	STONE, CLAY, GLASS	3.3%	-1.5%	-7.3%	-1.7%	-6.3%	.8%	1.8%	2.8%	3.7%	4.8%
29	AWSEOD	OTHER DURABLE	11.8%	-9.1%	.4%	3.8%	-2.1%	2.6%	2.3%	2.2%	2.2%	2.3%
30												
31	AWSEMI	MINING	-2.4%	20.1%	.9%	-9.9%	8.1%	1.9%	-9.2%	2.9%	1.7%	2.8%
32	AWSECS	CONSTRUCTION	3.9%	-4.4%	-5.5%	-7.2%	-3.8%	.3%	-1.4%	7.6%	-1.1%	9.4%
33	AWSETR	TRADE	3.1%	2.4%	-.9%	-.4%	1.1%	6.2%	5.3%	3.3%	2.6%	2.2%
34	AWSESV	SERVICES	4.3%	.1%	.5%	3.5%	1.6%	-1.0%	-1.2%	-.9%	.3%	.5%
35												
36	AWSEFI	FINANCE, INSUR, REAL ESTATE	3.1%	2.5%	1.0%	1.1%	-.2%	2.6%	3.2%	4.0%	3.5%	4.0%
37	AWSEBK	BANKING	4.6%	4.7%	2.7%	.0%	-.2%	-.0%	3.0%	5.6%	2.1%	1.7%
38	AWSENB	NONBANKING	2.3%	1.5%	.1%	1.7%	-.2%	3.9%	3.3%	3.2%	4.2%	5.1%
39												
40	AWSETU	TRANS, COMM, PUB UTIL	8.7%	1.2%	.5%	-.1%	1.4%	2.2%	2.1%	3.5%	1.7%	2.8%
41	AWSETN	TRANSPORTATION	4.1%	1.1%	-.8%	.6%	3.6%	1.1%	-1.0%	1.0%	-.0%	.8%
42	AWSECN	COMMUNICATION	7.2%	3.3%	.9%	.5%	.6%	2.7%	3.3%	3.0%	2.6%	3.8%
43	AWSEPU	PUBLIC UTILITIES	23.3%	-1.3%	2.7%	-2.6%	-2.7%	4.2%	7.6%	9.7%	4.1%	5.3%
44												
45		GOVERNMENT	3.0%	2.1%	2.1%	-1.4%	-.7%	2.6%	2.5%	2.9%	3.0%	1.8%
46	AWSESL	STATE AND LOCAL	5.1%	3.3%	.8%	-1.8%	-.8%	4.0%	3.7%	4.2%	4.1%	2.5%
47	AWSEFC	FEDERAL CIVILIAN	.9%	-1.1%	4.0%	-.6%	-.1%	.6%	.5%	.9%	1.1%	.4%
48	AWSEFS	FEDERAL MILITARY	-2.8%	.7%	5.4%	-.9%	-.7%	-.6%	-.5%	-.4%	-.3%	-.2%
49												
50	AWSEFM	FARMING	1.5%	-4.2%	4.4%	-5.6%	-3.6%	-2.9%	-2.6%	-2.5%	-2.5%	-2.5%

TAB. 3.01 EMPLOYMENT SECTOR -- GROWTH RATES

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1	AETO	TOTAL EMPLOYMENT	-.8%	1.2%	1.4%	2.3%	1.7%	1.9%	2.1%	2.1%	1.7%	2.2%
2												
3	AEPR	PROPRIETORS'	-1.3%	.4%	1.3%	1.7%	1.6%	1.7%	2.0%	2.0%	1.9%	2.1%
4	AEPRNF	NONFARM	-1.9%	1.0%	2.5%	3.0%	2.8%	3.0%	3.3%	3.3%	3.1%	3.4%
5	AEPRF	FARM	-.5%	-.4%	-.4%	-.3%	-.3%	-.2%	-.2%	-.2%	-.2%	-.1%
6												
7	AWSET	WAGE & SALARY	-.8%	1.3%	1.4%	2.4%	1.7%	2.0%	2.2%	2.1%	1.7%	2.2%
8												
9	AWSEMF	MANUFACTURING	-4.2%	-2.4%	-.1%	2.3%	1.0%	1.3%	1.6%	1.1%	.5%	1.3%
10	AWSENM	NONDURABLE	-3.4%	-1.5%	-1.4%	2.0%	.9%	1.0%	1.2%	1.1%	.7%	.8%
11	AWSEFD	FOOD	-2.3%	2.1%	-.9%	-1.6%	-.8%	-1.0%	-.5%	-.4%	-.1%	-.5%
12	AWSETX	TEXTILE	-8.0%	-6.6%	-10.7%	2.6%	-1.6%	-1.9%	-1.9%	-1.3%	-3.0%	-3.1%
13	AWSEAP	APPAREL	-.3%	4.3%	3.2%	3.4%	3.3%	3.2%	3.3%	3.1%	3.0%	2.8%
14	AWSEPA	PAPER	-1.7%	-6.1%	.5%	1.1%	.4%	-.6%	.3%	-.1%	.0%	.2%
15	AWSEPT	PRINTING, PUBLISHING	-.5%	-2.7%	2.7%	4.7%	2.7%	3.2%	3.5%	3.3%	2.4%	2.3%
16	AWSECH	CHEMICAL	-5.5%	-2.2%	-.0%	-.2%	-.0%	-.5%	-.1%	-.8%	-1.0%	-.4%
17	AWSERB	RUBBER, PLASTIC	-6.3%	-5.7%	.2%	5.1%	.2%	4.4%	2.9%	1.5%	.3%	1.9%
18	AWSCON	OTHER NONDURABLE	-1.3%	-18.2%	-27.8%	-16.3%	-10.5%	-6.6%	-5.1%	-3.3%	-2.8%	-2.5%
19												
20	AWSEDM	DURABLE	-5.1%	-3.2%	1.4%	2.7%	1.2%	1.5%	1.9%	1.2%	.3%	1.8%
21	AWSELU	LUMBER	-3.5%	-5.3%	-4.0%	-4.4%	-7.4%	-6.3%	-4.6%	-6.1%	-8.1%	-6.0%
22	AWSEFU	FURNITURE	-21.9%	-1.0%	2.9%	5.2%	-2.5%	.8%	3.9%	2.0%	-3.8%	1.5%
23	AWSEPM	PRIMARY METAL	-14.9%	-1.6%	2.7%	5.7%	2.9%	.7%	.0%	-.9%	-1.2%	-.0%
24	AWSEFB	FABRICATED METAL	-7.9%	-4.3%	1.7%	3.2%	2.4%	2.9%	3.2%	2.5%	1.4%	2.6%
25	AWSEMY	NONELECTRICAL MACHINERY	6.6%	-2.0%	-4.0%	2.0%	1.3%	2.0%	2.1%	.6%	-.7%	.8%
26	AWSEEL	ELECTRICAL MACHINERY	6.3%	-.7%	6.0%	5.6%	6.1%	6.0%	6.5%	6.1%	6.1%	6.8%
27	AWSETM	ALL TRANS EQUIP	-.5%	-9.1%	4.0%	2.4%	.9%	1.6%	1.2%	1.2%	.2%	1.1%
28	AWSESC	STONE, CLAY, GLASS	-6.3%	.8%	1.8%	2.8%	3.7%	4.8%	6.0%	4.6%	4.0%	4.8%
29	AWSEOD	OTHER DURABLE	-2.1%	2.6%	2.3%	2.2%	2.2%	2.3%	2.3%	2.3%	2.3%	2.3%
30												
31	AWSEMI	MINING	8.1%	1.9%	-9.2%	2.9%	1.7%	2.8%	2.9%	2.4%	2.2%	-.5%
32	AWSECS	CONSTRUCTION	-3.8%	.3%	-1.4%	7.6%	-1.1%	9.4%	9.6%	9.3%	5.3%	9.7%
33	AWSETR	TRADE	1.1%	6.2%	5.3%	3.3%	2.6%	2.2%	2.6%	2.8%	2.6%	2.9%
34	AWSESV	SERVICES	1.6%	-1.0%	-1.2%	-.9%	.3%	.5%	.9%	1.2%	1.1%	1.2%
35												
36	AWSEFI	FINANCE, INSUR, REAL ESTATE	-.2%	2.6%	3.2%	4.0%	3.5%	4.0%	4.9%	4.7%	4.2%	4.3%
37	AWSEBK	BANKING	-.2%	-.0%	3.0%	5.6%	2.1%	1.7%	2.5%	1.7%	.4%	.3%
38	AWSENB	NONBANKING	-.2%	3.9%	3.3%	3.2%	4.2%	5.1%	6.0%	6.1%	5.9%	5.9%
39												
40	AWSETU	TRANS, COMM, PUB UTIL	1.4%	2.2%	2.1%	3.5%	1.7%	2.8%	2.7%	2.3%	1.7%	2.5%
41	AWSETN	TRANSPORTATION	3.6%	1.1%	-1.0%	1.0%	-.0%	.8%	.8%	.4%	-.0%	.9%
42	AWSECN	COMMUNICATION	.6%	2.7%	3.3%	3.0%	2.6%	3.8%	4.1%	3.8%	2.8%	3.7%
43	AWSEPU	PUBLIC UTILITIES	-2.7%	4.2%	7.6%	9.7%	4.1%	5.3%	4.4%	3.6%	3.1%	3.9%
44												
45		GOVERNMENT	-.7%	2.6%	2.5%	2.9%	3.0%	1.8%	1.4%	1.1%	1.2%	1.1%
46	AWSESL	STATE AND LOCAL	-.8%	4.0%	3.7%	4.2%	4.1%	2.5%	1.7%	1.3%	1.3%	1.3%
47	AWSEFC	FEDERAL CIVILIAN	-.1%	.6%	.5%	.9%	1.1%	.4%	1.3%	1.2%	1.6%	1.2%
48	AWSEFS	FEDERAL MILITARY	-.7%	-.6%	-.5%	-.4%	-.3%	-.2%	-.2%	-.2%	-.1%	-.1%
49												
50	AWSEFM	FARMING	-3.6%	-2.9%	-2.6%	-2.5%	-2.5%	-2.5%	-2.5%	-2.5%	-2.5%	-2.5%

TAB. 3.10 EMPLOYMENT SECTOR -- CATEGORY SHARE OF TOTAL (%)

	LABEL	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1	TOTAL EMPLOYMENT..............	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2											
3	PROPRIETORS'..................	10.400	10.490	10.639	10.453	10.399	10.323	10.312	10.246	10.232	10.214
4	NONFARM	5.943	6.103	6.316	6.131	6.062	6.054	6.118	6.161	6.226	6.294
5	FARM	4.457	4.386	4.323	4.322	4.337	4.269	4.194	4.086	4.005	3.920
6											
7	WAGE & SALARY.................	89.600	89.510	89.361	89.547	89.601	89.671	89.697	89.763	89.751	89.792
8											
9	MANUFACTURING..............	22.268	22.385	21.789	21.869	21.116	20.380	20.083	20.082	19.940	19.809
10	NONDURABLE...............	11.384	11.238	11.255	11.310	11.017	10.725	10.425	10.390	10.303	10.206
11	FOOD...................	1.672	1.678	1.698	1.716	1.690	1.706	1.668	1.604	1.564	1.519
12	TEXTILE................	2.761	2.626	2.565	2.542	2.358	2.176	1.916	1.922	1.860	1.791
13	APPAREL................	3.252	3.152	3.235	3.272	3.289	3.390	3.449	3.486	3.540	3.584
14	PAPER..................	1.183	1.221	1.196	1.259	1.248	1.158	1.147	1.134	1.119	1.092
15	PRINTING, PUBLISHING...	.590	.602	.602	.613	.615	.592	.599	.613	.619	.626
16	CHEMICAL...............	.920	.953	.931	.873	.832	.804	.793	.773	.760	.742
17	RUBBER, PLASTIC........	.818	.854	.875	.882	.833	.776	.767	.788	.776	.795
18	OTHER NONDURABLE.......	.189	.151	.152	.153	.152	.123	.088	.072	.063	.058
19											
20	DURABLE..................	10.884	11.148	10.534	10.559	10.099	9.661	9.658	9.692	9.645	9.603
21	LUMBER.................	1.825	1.833	1.687	1.645	1.600	1.497	1.418	1.325	1.206	1.108
22	FURNITURE..............	.478	.489	.476	.509	.400	.392	.398	.409	.392	.387
23	PRIMARY METAL..........	2.736	2.671	2.349	2.220	1.905	1.852	1.876	1.938	1.960	1.938
24	FABRICATED METAL.......	1.542	1.563	1.518	1.566	1.454	1.375	1.379	1.390	1.399	1.413
25	NONELECTRICAL MACHINERY	.907	.960	.947	.927	.996	.964	.913	.910	.906	.907
26	ELECTRICAL MACHINERY...	.990	1.130	1.105	1.179	1.263	1.240	1.296	1.338	1.396	1.452
27	ALL TRANS EQUIP........	1.227	1.396	1.389	1.437	1.442	1.296	1.329	1.330	1.319	1.316
28	STONE, CLAY, GLASS.....	.656	.637	.592	.585	.553	.551	.553	.556	.567	.583
29	OTHER DURABLE..........	.524	.468	.472	.492	.486	.493	.497	.496	.499	.501
30											
31	MINING.....................	.840	.992	1.004	.910	.991	.998	.893	.898	.898	.907
32	CONSTRUCTION...............	4.765	4.485	4.250	3.965	3.845	3.814	3.709	3.900	3.793	4.070
33	TRADE......................	16.300	16.437	16.334	16.355	16.672	17.494	18.164	18.335	18.496	18.546
34	SERVICES...................	15.489	15.268	15.394	16.022	16.413	16.068	15.655	15.165	14.954	14.744
35											
36	FINANCE, INSUR, REAL ESTATE	3.457	3.489	3.534	3.591	3.614	3.664	3.727	3.788	3.854	3.932
37	BANKING..................	1.129	1.164	1.199	1.205	1.213	1.198	1.216	1.255	1.260	1.257
38	NONBANKING...............	2.328	2.325	2.335	2.386	2.401	2.466	2.511	2.533	2.594	2.675
39											
40	TRANS, COMM, PUB UTIL......	4.290	4.272	4.304	4.321	4.416	4.463	4.491	4.543	4.543	4.582
41	TRANSPORTATION...........	2.105	2.094	2.083	2.108	2.201	2.200	2.147	2.118	2.082	2.060
42	COMMUNICATION............	1.242	1.263	1.278	1.290	1.309	1.329	1.354	1.363	1.375	1.400
43	PUBLIC UTILITIES.........	.943	.915	.943	.924	.906	.933	.990	1.061	1.087	1.123
44											
45	GOVERNMENT.................										
46	STATE AND LOCAL..........	13.432	13.663	13.812	13.636	13.639	14.017	14.330	14.592	14.932	15.019
47	FEDERAL CIVILIAN.........	3.852	3.749	3.911	3.908	3.937	3.913	3.879	3.824	3.802	3.743
48	FEDERAL MILITARY.........	3.052	3.026	3.196	3.186	3.190	3.135	3.078	2.997	2.937	2.875
49											
50	FARMING....................	1.461	1.377	1.442	1.369	1.331	1.277	1.226	1.168	1.120	1.072

TAB. 3.10 EMPLOYMENT SECTOR -- CATEGORY SHARE OF TOTAL (%)

	LABEL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1	TOTAL EMPLOYMENT	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2											
3	PROPRIETORS'	10.399	10.323	10.312	10.246	10.232	10.214	10.196	10.189	10.209	10.204
4	NONFARM	6.062	6.054	6.118	6.161	6.226	6.294	6.366	6.444	6.532	6.610
5	FARM	4.337	4.269	4.194	4.086	4.005	3.920	3.830	3.746	3.677	3.594
6											
7	WAGE & SALARY	89.601	89.671	89.697	89.763	89.751	89.792	89.810	89.817	89.797	89.801
8											
9	MANUFACTURING	21.116	20.380	20.083	20.082	19.940	19.809	19.695	19.514	19.284	19.111
10	NONDURABLE	11.017	10.725	10.425	10.390	10.303	10.206	10.111	10.010	9.906	9.771
11	FOOD	1.690	1.706	1.668	1.604	1.564	1.519	1.479	1.443	1.417	1.379
12	TEXTILE	2.358	2.176	1.916	1.922	1.860	1.791	1.720	1.663	1.585	1.503
13	APPAREL	3.289	3.390	3.449	3.486	3.540	3.584	3.625	3.660	3.706	3.730
14	PAPER	1.248	1.158	1.147	1.134	1.119	1.092	1.072	1.049	1.032	1.012
15	PRINTING, PUBLISHING	.615	.592	.599	.613	.619	.626	.635	.642	.647	.648
16	CHEMICAL	.832	.804	.793	.773	.760	.742	.726	.705	.686	.669
17	RUBBER, PLASTIC	.833	.776	.767	.788	.776	.795	.801	.796	.786	.784
18	OTHER NONDURABLE	.152	.123	.088	.072	.063	.058	.054	.051	.049	.046
19											
20	DURABLE	10.099	9.661	9.658	9.692	9.645	9.603	9.584	9.504	9.377	9.339
21	LUMBER	1.600	1.497	1.418	1.325	1.206	1.108	1.035	.952	.860	.792
22	FURNITURE	.400	.392	.398	.409	.392	.387	.394	.394	.372	.370
23	PRIMARY METAL	1.905	1.852	1.876	1.938	1.960	1.938	1.898	1.843	1.790	1.751
24	FABRICATED METAL	1.454	1.375	1.379	1.390	1.399	1.413	1.428	1.434	1.429	1.435
25	NONELECTRICAL MACHINERY	.996	.964	.913	.910	.906	.907	.906	.894	.872	.860
26	ELECTRICAL MACHINERY	1.263	1.240	1.296	1.338	1.396	1.452	1.513	1.573	1.641	1.715
27	ALL TRANS EQUIP	1.442	1.296	1.329	1.330	1.319	1.316	1.304	1.293	1.274	1.260
28	STONE, CLAY, GLASS	.553	.551	.553	.556	.567	.583	.605	.620	.634	.650
29	OTHER DURABLE	.486	.493	.497	.496	.499	.501	.501	.502	.505	.506
30											
31	MINING	.991	.998	.893	.898	.898	.907	.913	.916	.920	.896
32	CONSTRUCTION	3.845	3.814	3.709	3.900	3.793	4.070	4.365	4.672	4.836	5.193
33	TRADE	16.672	17.494	18.164	18.335	18.496	18.546	18.626	18.762	18.923	19.061
34	SERVICES	16.413	16.068	15.655	15.165	14.954	14.744	14.568	14.438	14.350	14.216
35											
36	FINANCE, INSUR, REAL ESTATE	3.614	3.664	3.727	3.788	3.854	3.932	4.036	4.141	4.243	4.331
37	BANKING	1.213	1.198	1.216	1.255	1.260	1.257	1.260	1.256	1.239	1.217
38	NONBANKING	2.401	2.466	2.511	2.533	2.594	2.675	2.776	2.885	3.004	3.114
39											
40	TRANS, COMM, PUB UTIL	4.416	4.463	4.491	4.543	4.543	4.582	4.606	4.615	4.613	4.630
41	TRANSPORTATION	2.201	2.200	2.147	2.118	2.082	2.060	2.032	1.998	1.965	1.939
42	COMMUNICATION	1.309	1.329	1.354	1.363	1.375	1.400	1.427	1.452	1.468	1.490
43	PUBLIC UTILITIES	.906	.933	.990	1.061	1.087	1.123	1.147	1.164	1.181	1.201
44											
45	GOVERNMENT										
46	STATE AND LOCAL	13.639	14.017	14.330	14.592	14.932	15.019	14.951	14.838	14.784	14.651
47	FEDERAL CIVILIAN	3.937	3.913	3.879	3.824	3.802	3.743	3.711	3.680	3.677	3.641
48	FEDERAL MILITARY	3.190	3.135	3.078	2.997	2.937	2.875	2.809	2.747	2.698	2.637
49											
50	FARMING	1.331	1.277	1.226	1.168	1.120	1.072	1.023	.978	.938	.895

TAB. 4.00 WAGE RATE SECTOR (ANNUAL) -- CURRENT $ (THOUSANDS)

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2		MANUFACTURING										
3												
4	AWPANM	NONDURABLE..................	10.960	12.031	13.196	14.382	15.519	16.667	18.026	19.890	21.604	23.386
5	AWPAFD	FOOD......................	10.054	10.949	11.967	13.042	13.990	14.933	16.041	17.550	18.927	20.347
6	AWPATX	TEXTILE...................	9.585	10.591	11.587	12.628	13.162	14.208	15.602	17.162	18.746	20.316
7	AWPAAP	APPAREL...................	6.804	7.283	8.070	8.795	9.206	9.793	10.482	11.414	12.262	13.133
8	AWPAPA	PAPER.....................	18.606	20.286	22.613	24.645	26.911	29.229	32.001	35.852	39.436	43.204
9	AWPAPT	PRINTING, PUBLISHING.....	11.553	12.144	13.151	14.333	15.411	16.390	17.537	19.092	20.503	21.954
10	AWPACH	CHEMICAL..................	16.758	18.172	20.489	22.330	24.466	26.479	28.880	32.203	35.287	38.518
11	AWPARB	RUBBER, PLASTIC..........	16.036	17.171	18.475	20.135	20.480	22.303	24.963	27.513	30.351	33.066
12	AWPAON	OTHER NONDURABLE.........	10.723	13.168	14.158	15.430	16.623	18.048	19.755	22.129	24.342	26.670
13												
14	AWPADM	DURABLE.....................	13.193	14.534	15.811	17.170	18.612	20.127	21.715	24.087	26.081	28.265
15	AWPALU	LUMBER....................	9.384	10.472	11.051	12.002	13.145	14.529	16.223	18.281	20.243	22.308
16	AWPAFU	FURNITURE.................	8.937	9.239	10.288	11.172	11.462	12.215	12.994	14.137	15.083	16.102
17	AWPAPM	PRIMARY METAL............	18.292	19.838	21.805	23.679	25.870	28.474	31.510	35.488	39.126	43.024
18	AWPAFB	FABRICATED METAL.........	12.245	13.661	14.818	16.091	17.318	18.672	20.089	22.198	23.965	25.894
19	AWPAMY	NONELECTRICAL MACHINERY..	12.437	13.405	14.902	16.183	16.981	18.242	19.555	21.502	23.126	24.892
20	AWPAEL	ELECTRICAL MACHINERY.....	11.654	12.514	13.607	14.776	15.713	16.880	18.096	19.898	21.402	23.037
21	AWPATM	TRANS EQUIP & MOTOR VEH..	13.917	15.597	16.589	18.015	19.672	21.471	23.369	26.227	28.649	31.319
22	AWPATE	TRANSPORTATION EQUIP...	14.710	17.231	18.666	20.270	22.094	24.372	26.800	30.495	33.660	37.183
23	AWPAMV	MOTOR VEHICLE..........	12.601	12.481	12.010	13.042	14.281	15.392	16.547	18.254	19.675	21.217
24	AWPASC	STONE, CLAY, GLASS.......	12.704	13.983	15.728	17.080	18.099	19.579	21.133	23.454	25.407	27.545
25	AWPAOD	OTHER DURABLE............	9.623	13.386	16.548	17.970	18.103	19.611	21.194	23.565	25.561	27.751
26												
27	AWPAMI	MINING......................	18.956	20.121	22.300	23.635	25.655	27.146	29.108	31.085	34.161	36.835
28	AWPACS	CONSTRUCTION................	12.305	12.933	14.409	16.786	18.498	18.828	19.472	21.094	25.026	27.721
29	AWPATR	TRADE.......................	8.620	9.306	10.041	10.065	10.769	11.641	12.563	13.961	15.107	16.484
30	AWPASV	SERVICES....................	6.924	7.644	8.597	9.451	9.457	10.329	11.171	12.564	13.564	14.749
31												
32	AWPAFI	FINANCE, INSUR, REAL ESTATE..	11.241	12.194	13.131	14.209	15.222	16.483	17.743	19.465	21.233	22.906
33	AWPABK	BANKING...................	9.862	10.588	11.351	12.355	12.887	13.869	14.935	16.315	17.758	19.067
34	AWPANB	NONBANKING................	11.909	12.998	14.045	15.161	16.401	17.753	19.102	21.025	22.923	24.708
35												
36	AWPATU	TRANS, COMM, PUB UTIL........	15.342	16.799	18.155	20.056	20.954	22.588	24.514	27.465	30.104	32.923
37	AWPATN	TRANSPORTATION............	14.799	16.251	17.388	19.209	20.291	21.715	23.524	26.152	28.650	31.319
38	AWPACN	COMMUNICATION.............	15.329	16.928	18.336	20.226	21.196	22.987	24.992	27.913	30.495	33.252
39	AWPAPU	PUBLIC UTILITIES..........	16.570	17.875	19.606	21.659	22.215	24.081	26.004	29.504	32.404	35.451
40												
41		GOVERNMENT										
42	AWPASL	STATE AND LOCAL...........	9.205	9.812	10.706	11.641	12.619	13.684	14.871	16.285	17.923	19.731
43	AWPAFC	FEDERAL CIVILIAN..........	17.667	19.041	20.170	22.218	23.747	25.363	27.229	29.430	31.572	33.505
44	AWPAFS	FEDERAL MILITARY..........	6.912	7.402	8.201	9.123	9.490	10.112	10.880	11.637	12.498	13.214
45												
46	AWPAFM	FARMING.....................	3.090	3.538	3.790	4.223	4.505	4.867	5.332	5.853	6.525	7.114

TAB. 4.00 WAGE RATE SECTOR (ANNUAL) -- CURRENT $ (THOUSANDS)

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2		MANUFACTURING										
3												
4	AWPANM	NONDURABLE...................	15.519	16.667	18.026	19.890	21.604	23.386	25.138	26.912	28.800	30.662
5	AWPAFD	FOOD......................	13.990	14.933	16.041	17.550	18.927	20.347	21.735	23.132	24.610	26.060
6	AWPATX	TEXTILE...................	13.162	14.208	15.602	17.162	18.746	20.316	22.035	23.626	25.359	27.128
7	AWPAAP	APPAREL...................	9.206	9.793	10.482	11.414	12.262	13.133	13.981	14.832	15.729	16.607
8	AWPAPA	PAPER.....................	26.911	29.229	32.001	35.852	39.436	43.204	46.948	50.775	54.887	58.981
9	AWPAPT	PRINTING, PUBLISHING.....	15.411	16.390	17.537	19.092	20.503	21.954	23.367	24.782	26.276	27.736
10	AWPACH	CHEMICAL..................	24.466	26.479	28.880	32.203	35.287	38.518	41.720	44.985	48.485	51.960
11	AWPARB	RUBBER, PLASTIC...........	20.480	22.303	24.963	27.513	30.351	33.066	36.323	39.141	42.286	45.597
12	AWPAON	OTHER NONDURABLE.........	16.623	18.048	19.755	22.129	24.342	26.670	28.987	31.357	33.907	36.447
13												
14	AWPADM	DURABLE......................	18.612	20.127	21.715	24.087	26.081	28.265	30.286	32.557	34.784	37.039
15	AWPALU	LUMBER....................	13.145	14.529	16.223	18.281	20.243	22.308	24.503	26.757	29.057	31.503
16	AWPAFU	FURNITURE.................	11.462	12.215	12.994	14.137	15.083	16.102	17.033	18.066	19.065	20.065
17	AWPAPM	PRIMARY METAL.............	25.870	28.474	31.510	35.488	39.126	43.024	46.984	51.192	55.438	59.888
18	AWPAFB	FABRICATED METAL.........	17.318	18.672	20.089	22.198	23.965	25.894	27.675	29.671	31.622	33.593
19	AWPAMY	NONELECTRICAL MACHINERY..	16.981	18.242	19.555	21.502	23.126	24.892	26.517	28.332	30.101	31.882
20	AWPAEL	ELECTRICAL MACHINERY.....	15.713	16.880	18.096	19.898	21.402	23.037	24.541	26.222	27.859	29.509
21	AWPATM	TRANS EQUIP & MOTOR VEH..	19.672	21.471	23.369	26.227	28.649	31.319	33.806	36.618	39.391	42.215
22	AWPATE	TRANSPORTATION EQUIP...	22.094	24.372	26.800	30.495	33.660	37.183	40.495	44.272	48.027	51.880
23	AWPAMV	MOTOR VEHICLE..........	14.281	15.392	16.547	18.254	19.675	21.217	22.632	24.210	25.744	27.287
24	AWPASC	STONE, CLAY, GLASS.......	18.099	19.579	21.133	23.454	25.407	27.545	29.526	31.752	33.935	36.147
25	AWPAOD	OTHER DURABLE............	18.103	19.611	21.194	23.565	25.561	27.751	29.782	32.068	34.312	36.588
26												
27	AWPAMI	MINING.........................	25.655	27.146	29.108	31.085	34.161	36.835	39.928	43.431	47.281	55.174
28	AWPACS	CONSTRUCTION...................	18.498	18.828	19.472	21.094	25.026	27.721	30.646	33.586	37.532	40.796
29	AWPATR	TRADE..........................	10.769	11.641	12.563	13.961	15.107	16.484	17.813	19.135	20.557	22.143
30	AWPASV	SERVICES.......................	9.457	10.329	11.171	12.564	13.564	14.749	15.854	16.980	18.152	19.445
31												
32	AWPAFI	FINANCE, INSUR, REAL ESTATE..	15.222	16.483	17.743	19.465	21.233	22.906	24.612	26.395	28.491	30.598
33	AWPABK	BANKING......................	12.887	13.869	14.935	16.315	17.758	19.067	20.434	21.818	23.445	25.056
34	AWPANB	NONBANKING...................	16.401	17.753	19.102	21.025	22.923	24.708	26.507	28.386	30.571	32.761
35												
36	AWPATU	TRANS, COMM, PUB UTIL........	20.954	22.588	24.514	27.465	30.104	32.923	35.714	38.651	41.652	44.883
37	AWPATN	TRANSPORTATION.............	20.291	21.715	23.524	26.152	28.650	31.319	34.078	36.876	39.766	42.746
38	AWPACN	COMMUNICATION..............	21.196	22.987	24.992	27.913	30.495	33.252	35.928	38.839	41.850	45.116
39	AWPAPU	PUBLIC UTILITIES...........	22.215	24.081	26.004	29.504	32.404	35.451	38.343	41.460	44.537	48.037
40												
41		GOVERNMENT										
42	AWPASL	STATE AND LOCAL............	12.619	13.684	14.871	16.285	17.923	19.731	21.708	23.854	26.165	28.637
43	AWPAFC	FEDERAL CIVILIAN...........	23.747	25.363	27.229	29.430	31.572	33.505	34.933	36.364	37.827	39.345
44	AWPAFS	FEDERAL MILITARY...........	9.490	10.112	10.880	11.637	12.498	13.214	13.779	14.317	14.902	15.497
45												
46	AWPAFM	FARMING........................	4.505	4.867	5.332	5.853	6.525	7.114	7.758	8.394	9.100	9.845

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 4.01 WAGE RATE SECTOR (ANNUAL) -- GROWTH RATES

LABEL			1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2		MANUFACTURING										
3												
4	AWPANM	NONDURABLE..................	9.7%	9.8%	9.7%	9.0%	7.9%	7.4%	8.2%	10.3%	8.6%	8.2%
5	AWPAFD	FOOD......................	8.0%	8.9%	9.3%	9.0%	7.3%	6.7%	7.4%	9.4%	7.8%	7.5%
6	AWPATX	TEXTILE...................	8.7%	10.5%	9.4%	9.0%	4.2%	7.9%	9.8%	10.0%	9.2%	8.4%
7	AWPAAP	APPAREL...................	9.5%	7.0%	10.8%	9.0%	4.7%	6.4%	7.0%	8.9%	7.4%	7.1%
8	AWPAPA	PAPER.....................	12.2%	9.0%	11.5%	9.0%	9.2%	8.6%	9.5%	12.0%	10.0%	9.6%
9	AWPAPT	PRINTING, PUBLISHING.....	6.1%	5.1%	8.3%	9.0%	7.5%	6.4%	7.0%	8.9%	7.4%	7.1%
10	AWPACH	CHEMICAL..................	9.1%	8.4%	12.7%	9.0%	9.6%	8.2%	9.1%	11.5%	9.6%	9.2%
11	AWPARB	RUBBER, PLASTIC...........	12.4%	7.1%	7.6%	9.0%	1.7%	8.9%	11.9%	10.2%	10.3%	8.9%
12	AWPAON	OTHER NONDURABLE..........	14.1%	22.8%	7.5%	9.0%	7.7%	8.6%	9.5%	12.0%	10.0%	9.6%
13												
14	AWPADM	DURABLE....................	8.0%	10.2%	8.8%	8.6%	8.4%	8.1%	7.9%	10.9%	8.3%	8.4%
15	AWPALU	LUMBER....................	11.0%	11.6%	5.5%	8.6%	9.5%	10.5%	11.7%	12.7%	10.7%	10.2%
16	AWPAFU	FURNITURE.................	12.5%	3.4%	11.4%	8.6%	2.6%	6.6%	6.4%	8.8%	6.7%	6.8%
17	AWPAPM	PRIMARY METAL.............	10.0%	8.4%	9.9%	8.6%	9.3%	10.1%	10.7%	12.6%	10.3%	10.0%
18	AWPAFB	FABRICATED METAL..........	6.4%	11.6%	8.5%	8.6%	7.6%	7.8%	7.6%	10.5%	8.0%	8.0%
19	AWPAMY	NONELECTRICAL MACHINERY..	8.5%	7.8%	11.2%	8.6%	4.9%	7.4%	7.2%	10.0%	7.6%	7.6%
20	AWPAEL	ELECTRICAL MACHINERY.....	7.0%	7.4%	8.7%	8.6%	6.3%	7.4%	7.2%	10.0%	7.6%	7.6%
21	AWPATM	TRANS EQUIP & MOTOR VEH..	4.8%	12.1%	6.4%	8.6%	9.2%	9.1%	8.8%	12.2%	9.2%	9.3%
22	AWPATE	TRANSPORTATION EQUIP...	4.2%	17.1%	8.3%	8.6%	9.0%	10.3%	10.0%	13.8%	10.4%	10.5%
23	AWPAMV	MOTOR VEHICLE...........	7.0%	-.9%	-3.8%	8.6%	9.5%	7.8%	7.5%	10.3%	7.8%	7.8%
24	AWPASC	STONE, CLAY, GLASS.......	9.9%	10.1%	12.5%	8.6%	6.0%	8.2%	7.9%	11.0%	8.3%	8.4%
25	AWPAOD	OTHER DURABLE............	.2%	39.1%	23.6%	8.6%	.7%	8.3%	8.1%	11.2%	8.5%	8.6%
26												
27	AWPAMI	MINING......................	18.1%	6.1%	10.8%	6.0%	8.5%	5.8%	7.2%	6.8%	9.9%	7.8%
28	AWPACS	CONSTRUCTION................	5.8%	5.1%	11.4%	16.5%	10.2%	1.8%	3.4%	8.3%	18.6%	10.8%
29	AWPATR	TRADE.......................	7.0%	7.9%	7.9%	.2%	7.0%	8.1%	7.9%	11.1%	8.2%	9.1%
30	AWPASV	SERVICES....................	11.9%	10.4%	12.5%	9.9%	.1%	9.2%	8.1%	12.5%	8.0%	8.7%
31												
32	AWPAFI	FINANCE, INSUR, REAL ESTATE..	7.3%	8.5%	7.7%	8.2%	7.1%	8.3%	7.6%	9.7%	9.1%	7.9%
33	AWPABK	BANKING....................	8.3%	7.4%	7.2%	8.8%	4.3%	7.6%	7.7%	9.2%	8.8%	7.4%
34	AWPANB	NONBANKING.................	7.0%	9.1%	8.1%	7.9%	8.2%	8.2%	7.6%	10.1%	9.0%	7.8%
35												
36	AWPATU	TRANS, COMM, PUB UTIL........	8.3%	9.5%	8.1%	10.5%	4.5%	7.8%	8.5%	12.0%	9.6%	9.4%
37	AWPATN	TRANSPORTATION..............	9.2%	9.8%	7.0%	10.5%	5.6%	7.0%	8.3%	11.2%	9.6%	9.3%
38	AWPACN	COMMUNICATION...............	6.6%	10.4%	8.3%	10.3%	4.8%	8.4%	8.7%	11.7%	9.2%	9.0%
39	AWPAPU	PUBLIC UTILITIES............	7.3%	7.9%	9.7%	10.5%	2.6%	8.4%	8.0%	13.5%	9.8%	9.4%
40												
41		GOVERNMENT										
42	AWPASL	STATE AND LOCAL.............	11.0%	6.6%	9.1%	8.7%	8.4%	8.4%	8.7%	9.5%	10.1%	10.1%
43	AWPAFC	FEDERAL CIVILIAN............	6.8%	7.8%	5.9%	10.2%	6.9%	6.8%	7.4%	8.1%	7.3%	6.1%
44	AWPAFS	FEDERAL MILITARY............	5.0%	7.1%	10.8%	11.2%	4.0%	6.6%	7.6%	7.0%	7.4%	5.7%
45												
46	AWPAFM	FARMING.....................	18.9%	14.5%	7.1%	11.4%	6.7%	8.0%	9.6%	9.8%	11.5%	9.0%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 4.01 WAGE RATE SECTOR (ANNUAL) -- GROWTH RATES

LABEL			1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2		MANUFACTURING										
3												
4	AWPANM	NONDURABLE..................	7.9%	7.4%	8.2%	10.3%	8.6%	8.2%	7.5%	7.1%	7.0%	6.5%
5	AWPAFD	FOOD......................	7.3%	6.7%	7.4%	9.4%	7.8%	7.5%	6.8%	6.4%	6.4%	5.9%
6	AWPATX	TEXTILE...................	4.2%	7.9%	9.8%	10.0%	9.2%	8.4%	8.5%	7.2%	7.3%	7.0%
7	AWPAAP	APPAREL...................	4.7%	6.4%	7.0%	8.9%	7.4%	7.1%	6.5%	6.1%	6.0%	5.6%
8	AWPAPA	PAPER.....................	9.2%	8.6%	9.5%	12.0%	10.0%	9.6%	8.7%	8.2%	8.1%	7.5%
9	AWPAPT	PRINTING, PUBLISHING.....	7.5%	6.4%	7.0%	8.9%	7.4%	7.1%	6.4%	6.1%	6.0%	5.6%
10	AWPACH	CHEMICAL..................	9.6%	8.2%	9.1%	11.5%	9.6%	9.2%	8.3%	7.8%	7.8%	7.2%
11	AWPARB	RUBBER, PLASTIC...........	1.7%	8.9%	11.9%	10.2%	10.3%	8.9%	9.8%	7.8%	8.0%	7.8%
12	AWPAON	OTHER NONDURABLE..........	7.7%	8.6%	9.5%	12.0%	10.0%	9.6%	8.7%	8.2%	8.1%	7.5%
13												
14	AWPADM	DURABLE....................	8.4%	8.1%	7.9%	10.9%	8.3%	8.4%	7.2%	7.5%	6.8%	6.5%
15	AWPALU	LUMBER....................	9.5%	10.5%	11.7%	12.7%	10.7%	10.2%	9.8%	9.2%	8.6%	8.4%
16	AWPAFU	FURNITURE.................	2.6%	6.6%	6.4%	8.8%	6.7%	6.8%	5.8%	6.1%	5.5%	5.2%
17	AWPAPM	PRIMARY METAL.............	9.3%	10.1%	10.7%	12.6%	10.3%	10.0%	9.2%	9.0%	8.3%	8.0%
18	AWPAFB	FABRICATED METAL..........	7.6%	7.8%	7.6%	10.5%	8.0%	8.0%	6.9%	7.2%	6.6%	6.2%
19	AWPAMY	NONELECTRICAL MACHINERY..	4.9%	7.4%	7.2%	10.0%	7.6%	7.6%	6.5%	6.8%	6.2%	5.9%
20	AWPAEL	ELECTRICAL MACHINERY.....	6.3%	7.4%	7.2%	10.0%	7.6%	7.6%	6.5%	6.8%	6.2%	5.9%
21	AWPATM	TRANS EQUIP & MOTOR VEH..	9.2%	9.1%	8.8%	12.2%	9.2%	9.3%	7.9%	8.3%	7.6%	7.2%
22	AWPATE	TRANSPORTATION EQUIP...	9.0%	10.3%	10.0%	13.8%	10.4%	10.5%	8.9%	9.3%	8.5%	8.0%
23	AWPAMV	MOTOR VEHICLE...........	9.5%	7.8%	7.5%	10.3%	7.8%	7.8%	6.7%	7.0%	6.3%	6.0%
24	AWPASC	STONE, CLAY, GLASS........	5.0%	8.2%	7.9%	11.0%	8.3%	8.4%	7.2%	7.5%	6.9%	6.5%
25	AWPAOD	OTHER DURABLE.............	.7%	8.3%	8.1%	11.2%	8.5%	8.6%	7.3%	7.7%	7.0%	6.6%
26												
27	AWPAMI	MINING.........................	8.5%	5.8%	7.2%	6.8%	9.9%	7.8%	8.4%	8.8%	8.9%	16.7%
28	AWPACS	CONSTRUCTION..................	10.2%	1.8%	3.4%	8.3%	18.6%	10.8%	10.6%	9.6%	11.8%	8.7%
29	AWPATR	TRADE.........................	7.0%	8.1%	7.9%	11.1%	8.2%	9.1%	8.1%	7.4%	7.4%	7.7%
30	AWPASV	SERVICES......................	.1%	9.2%	8.1%	12.5%	8.0%	8.7%	7.5%	7.1%	6.9%	7.1%
31												
32	AWPAFI	FINANCE, INSUR, REAL ESTATE..	7.1%	8.3%	7.6%	9.7%	9.1%	7.9%	7.4%	7.2%	7.9%	7.4%
33	AWPABK	BANKING....................	4.3%	7.6%	7.7%	9.2%	8.8%	7.4%	7.2%	6.8%	7.5%	6.9%
34	AWPANB	NONBANKING.................	8.2%	8.2%	7.6%	10.1%	9.0%	7.8%	7.3%	7.1%	7.7%	7.2%
35												
36	AWPATU	TRANS, COMM, PUB UTIL........	4.5%	7.8%	8.5%	12.0%	9.6%	9.4%	8.5%	8.2%	7.8%	7.8%
37	AWPATN	TRANSPORTATION.............	5.6%	7.0%	8.3%	11.2%	9.6%	9.3%	8.8%	8.2%	7.8%	7.5%
38	AWPACN	COMMUNICATION..............	4.8%	8.4%	8.7%	11.7%	9.2%	9.0%	8.0%	8.1%	7.8%	7.8%
39	AWPAPU	PUBLIC UTILITIES...........	2.6%	8.4%	8.0%	13.5%	9.8%	9.4%	8.2%	8.1%	7.4%	7.9%
40												
41		GOVERNMENT										
42	AWPASL	STATE AND LOCAL............	8.4%	8.4%	8.7%	9.5%	10.1%	10.1%	10.0%	9.9%	9.7%	9.4%
43	AWPAFC	FEDERAL CIVILIAN...........	6.9%	6.8%	7.4%	8.1%	7.3%	6.1%	4.3%	4.1%	4.0%	4.0%
44	AWPAFS	FEDERAL MILITARY...........	4.0%	6.6%	7.6%	7.0%	7.4%	5.7%	4.3%	3.9%	4.1%	4.0%
45												
46	AWPAFM	FARMING.......................	6.7%	8.0%	9.6%	9.8%	11.5%	9.0%	9.1%	8.2%	8.4%	8.2%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 5.00 INCOME SECTOR -- CURRENT $ (BILLIONS)
WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
ATPY	TOTAL PERSONAL	23.738	26.386	29.199	31.831	34.138	37.275	40.834	45.405	49.973	55.039
		13.0%	11.2%	10.7%	9.0%	7.2%	9.2%	9.5%	11.2%	10.1%	10.1%
AWSPY	WAGE AND SALARY............	15.123	16.697	18.097	19.480	20.542	22.334	24.385	27.619	30.668	34.061
		13.0%	10.4%	8.4%	7.6%	5.5%	8.7%	9.2%	13.3%	11.0%	11.1%
ANFPPY	NONFARM PROPRIETORS'.........	1.193	1.278	1.362	1.394	1.356	1.431	1.506	1.645	1.788	1.937
		6.0%	7.1%	6.6%	2.3%	-2.7%	5.6%	5.2%	9.2%	8.7%	8.4%
AFPPY	FARM PROPRIETORS'............	.598	.584	.423	.389	.392	.463	.521	.577	.614	.658
		70.1%	-2.3%	-27.6%	-8.1%	.8%	18.0%	12.5%	10.7%	6.5%	7.2%
AOLPY	OTHER LABOR..................	1.435	1.648	1.904	2.119	2.316	2.551	2.867	3.197	3.477	3.886
		14.9%	14.9%	15.5%	11.3%	9.3%	10.1%	12.4%	11.5%	8.8%	11.8%
ADIRPY	DIVIDEND, INTEREST, RENT....	2.558	2.923	3.529	4.124	4.701	5.286	6.031	6.561	7.102	7.601
		13.4%	14.3%	20.7%	16.9%	14.0%	12.4%	14.1%	8.8%	8.3%	7.0%
ATPPY	TRANSFER PAYMENT.............	3.561	4.109	4.813	5.472	6.095	6.610	7.045	7.638	8.453	9.289
		8.5%	15.4%	17.1%	13.7%	11.4%	8.4%	6.6%	8.4%	10.7%	9.9%
ASIPPY	LESS: CONTRIB FOR SOC INSUR	1.016	1.157	1.267	1.492	1.638	1.803	1.958	2.304	2.636	2.942
		13.6%	13.8%	9.6%	17.7%	9.8%	10.0%	8.6%	17.7%	14.4%	11.6%
APYRAJ	RESIDENCE ADJUSTMENT........	.286	.303	.337	.345	.374	.405	.438	.473	.510	.548
		8.3%	5.8%	11.3%	2.5%	8.5%	8.3%	8.1%	7.9%	7.8%	7.6%
ADPY	DISPOSABLE....................	20.343	22.437	24.780	26.787	29.057	32.024	35.036	38.822	42.603	46.768
		12.5%	10.3%	10.4%	8.1%	8.5%	10.2%	9.5%	10.7%	9.7%	9.8%
ATPYPC	PER CAP PERSONAL (THOU).....	6.191	6.819	7.488	8.079	8.560	9.222	9.960	10.909	11.944	13.089
		11.4%	10.1%	9.8%	7.9%	6.0%	7.7%	8.0%	9.5%	9.5%	9.6%
ADPYPC	PER CAP PERSONAL DISP (THOU)	5.306	5.799	6.356	6.799	7.286	7.923	8.550	9.328	10.182	11.122
		11.0%	9.3%	9.6%	7.0%	7.2%	8.7%	7.9%	9.1%	9.2%	9.2%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 5.00 INCOME SECTOR -- CURRENT $ (BILLIONS) WITH GROWTH RATES

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
2	ATPY	TOTAL PERSONAL	34.138	37.275	40.834	45.405	49.973	55.039	60.530	66.138	71.834	78.820
3			7.2%	9.2%	9.5%	11.2%	10.1%	10.1%	10.0%	9.3%	8.6%	9.7%
5	AWSPY	WAGE AND SALARY............	20.542	22.334	24.385	27.619	30.668	34.061	37.639	41.437	45.417	50.011
6			5.5%	8.7%	9.2%	13.3%	11.0%	11.1%	10.5%	10.1%	9.6%	10.1%
8	ANFPPY	NONFARM PROPRIETORS'........	1.356	1.431	1.506	1.645	1.788	1.937	2.059	2.167	2.229	2.362
9			-2.7%	5.6%	5.2%	9.2%	8.7%	8.4%	6.3%	5.3%	2.9%	6.0%
11	AFPPY	FARM PROPRIETORS'...........	.392	.463	.521	.577	.614	.658	.706	.760	.815	.859
12			.8%	18.0%	12.5%	10.7%	6.5%	7.2%	7.4%	7.6%	7.2%	5.4%
14	AOLPY	OTHER LABOR.................	2.316	2.551	2.867	3.197	3.477	3.886	4.384	4.907	5.513	6.622
15			9.3%	10.1%	12.4%	11.5%	8.8%	11.8%	12.8%	11.9%	12.3%	20.1%
17	ADIRPY	DIVIDEND, INTEREST, RENT....	4.701	5.286	6.031	6.561	7.102	7.601	8.307	8.836	9.426	9.973
18			14.0%	12.4%	14.1%	8.8%	8.3%	7.0%	9.3%	6.4%	6.7%	5.8%
20	ATPPY	TRANSFER PAYMENT............	6.095	6.610	7.045	7.638	8.453	9.289	10.102	10.975	11.912	12.890
21			11.4%	8.4%	6.6%	8.4%	10.7%	9.9%	8.8%	8.6%	8.5%	8.2%
23	ASIPPY	LESS: CONTRIB FOR SOC INSUR	1.638	1.803	1.958	2.304	2.636	2.942	3.257	3.575	4.156	4.623
24			9.8%	10.0%	8.6%	17.7%	14.4%	11.6%	10.7%	9.8%	16.2%	11.2%
26	APYRAJ	RESIDENCE ADJUSTMENT........	.374	.405	.438	.473	.510	.548	.589	.633	.678	.725
27			8.5%	8.3%	8.1%	7.9%	7.8%	7.6%	7.5%	7.3%	7.2%	7.0%
29	ADPY	DISPOSABLE..................	29.057	32.024	35.056	38.822	42.603	46.768	51.249	55.845	60.489	66.195
30			8.5%	10.2%	9.5%	10.7%	9.7%	9.8%	9.6%	9.0%	8.3%	9.4%
33	ATPYPC	PER CAP PERSONAL (THOU).....	8.560	9.222	9.960	10.909	11.944	13.089	14.323	15.573	16.744	18.274
34			6.0%	7.7%	8.0%	9.5%	9.5%	9.6%	9.4%	8.7%	7.5%	9.1%
36	ADPYPC	PER CAP PERSONAL DISP (THOU)	7.286	7.923	8.550	9.328	10.182	11.122	12.127	13.149	14.100	15.347
37			7.2%	8.7%	7.9%	9.1%	9.2%	9.2%	9.0%	8.4%	7.2%	8.8%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA

TAB. 5.10 WAGE AND SALARY INCOME (DETAIL) -- CURRENT $ (BILLIONS)
1 & 2 DIGIT SIC INDUSTRY GROUPS

LABEL	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
MANUFACTURING	4.432	4.987	5.272	5.709	5.810	6.108	6.662	7.571	8.339	9.159
NONDURABLE	2.061	2.269	2.485	2.708	2.773	2.905	3.112	3.491	3.819	4.163
FOOD	.278	.308	.340	.372	.390	.425	.453	.488	.522	.555
TEXTILE	.437	.467	.497	.534	.512	.516	.506	.572	.615	.654
APPAREL	.365	.385	.437	.479	.500	.554	.612	.690	.765	.846
PAPER	.363	.416	.453	.517	.554	.565	.622	.704	.778	.848
PRINTING, PUBLISHING	.113	.123	.133	.146	.157	.162	.178	.203	.224	.247
CHEMICAL	.255	.291	.319	.324	.336	.356	.388	.432	.473	.513
RUBBER, PLASTIC	.217	.246	.271	.296	.282	.289	.324	.376	.415	.472
OTHER NONDURABLE	.033	.033	.036	.039	.042	.037	.029	.027	.027	.028
DURABLE	2.371	2.719	2.787	3.001	3.037	3.203	3.549	4.081	4.520	4.997
LUMBER	.283	.322	.312	.329	.347	.363	.390	.420	.430	.444
FURNITURE	.071	.076	.082	.095	.076	.080	.087	.100	.104	.112
PRIMARY METAL	.827	.889	.857	.875	.813	.881	1.001	1.192	1.352	1.498
FABRICATED METAL	.312	.358	.376	.419	.416	.429	.469	.535	.591	.657
NONELECTRICAL MACHINERY	.186	.216	.236	.250	.279	.294	.302	.339	.369	.405
ELECTRICAL MACHINERY	.190	.237	.252	.290	.328	.350	.397	.461	.527	.601
ALL TRANS EQUIP	.282	.365	.386	.431	.468	.465	.526	.605	.666	.740
STONE, CLAY, GLASS	.138	.149	.156	.166	.165	.180	.198	.226	.254	.289
OTHER DURABLE	.083	.105	.131	.147	.145	.161	.178	.203	.225	.250
MINING	.263	.335	.375	.358	.420	.453	.440	.484	.541	.600
CONSTRUCTION	.968	.973	1.025	1.108	1.174	1.199	1.223	1.426	1.673	2.027
TRADE	2.321	2.566	2.744	2.740	2.964	3.401	3.865	4.436	4.926	5.493
SERVICES	1.771	1.958	2.214	2.520	2.562	2.772	2.962	3.302	3.576	3.907
FINANCE, INSUR, REAL ESTATE	.642	.714	.776	.850	.908	1.009	1.120	1.278	1.443	1.618
BANKING	.184	.207	.228	.248	.258	.277	.308	.355	.394	.430
NONBANKING	.458	.507	.549	.602	.650	.731	.812	.923	1.048	1.188
TRANS, COMM, PUB UTIL	1.087	1.204	1.307	1.441	1.528	1.683	1.865	2.162	2.411	2.711
TRANSPORTATION	.514	.571	.606	.674	.737	.798	.855	.960	1.051	1.159
COMMUNICATION	.315	.359	.392	.434	.458	.510	.573	.659	.739	.837
PUBLIC UTILITIES	.258	.275	.309	.333	.332	.375	.436	.543	.621	.715
AGRI SERV, FOREST, FISHERY	.050	.054	.059	.070	.078	.089	.099	.112	.127	.141
GOVERNMENT										
STATE AND LOCAL	2.042	2.249	2.474	2.642	2.841	3.203	3.609	4.118	4.718	5.325
FEDERAL CIVILIAN	1.124	1.198	1.320	1.445	1.543	1.658	1.789	1.950	2.116	2.254
FEDERAL MILITARY	.348	.376	.439	.484	.500	.529	.567	.604	.647	.683
FARMING	.075	.082	.091	.096	.099	.104	.111	.119	.129	.137

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA

TAB. 5.10 WAGE AND SALARY INCOME (DETAIL) -- CURRENT $ (BILLIONS)
1 & 2 DIGIT SIC INDUSTRY GROUPS

	LABEL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1	MANUFACTURING	5.810	6.108	6.662	7.571	8.339	9.159	10.014	10.863	11.672	12.601
2	NONDURABLE	2.773	2.905	3.112	3.491	3.819	4.163	4.530	4.883	5.242	5.617
3	FOOD	.390	.425	.453	.488	.522	.555	.590	.625	.664	.700
4	TEXTILE	.512	.516	.506	.572	.615	.654	.696	.736	.766	.794
5	APPAREL	.500	.554	.612	.690	.765	.846	.930	1.017	1.111	1.206
6	PAPER	.554	.565	.622	.704	.778	.848	.924	.998	1.079	1.162
7	PRINTING, PUBLISHING	.157	.162	.178	.203	.224	.247	.272	.298	.324	.350
8	CHEMICAL	.336	.356	.388	.432	.473	.513	.556	.594	.634	.677
9	RUBBER, PLASTIC	.282	.289	.324	.376	.415	.472	.534	.584	.633	.696
10	OTHER NONDURABLE	.042	.037	.029	.027	.027	.028	.029	.030	.031	.033
11											
12	DURABLE	3.037	3.203	3.549	4.081	4.520	4.997	5.484	5.980	6.431	6.983
13	LUMBER	.347	.363	.390	.420	.430	.444	.465	.477	.476	.485
14	FURNITURE	.076	.080	.087	.100	.104	.112	.123	.133	.135	.144
15	PRIMARY METAL	.813	.881	1.001	1.192	1.352	1.498	1.637	1.768	1.891	2.042
16	FABRICATED METAL	.416	.429	.469	.535	.591	.657	.725	.797	.861	.938
17	NONELECTRICAL MACHINERY	.279	.294	.302	.339	.369	.405	.441	.474	.500	.534
18	ELECTRICAL MACHINERY	.328	.350	.397	.461	.527	.601	.682	.773	.871	.986
19	ALL TRANS EQUIP	.468	.465	.526	.605	.666	.740	.809	.887	.956	1.036
20	STONE, CLAY, GLASS	.165	.180	.198	.226	.254	.289	.328	.369	.410	.458
21	OTHER DURABLE	.145	.161	.178	.203	.225	.250	.274	.302	.330	.360
22											
23	MINING	.420	.453	.440	.484	.541	.600	.669	.745	.829	.962
24	CONSTRUCTION	1.174	1.199	1.223	1.426	1.673	2.027	2.456	2.940	3.459	4.125
25	TRADE	2.964	3.401	3.865	4.436	4.926	5.493	6.090	6.726	7.412	8.218
26	SERVICES	2.562	2.772	2.962	3.302	3.576	3.907	4.239	4.593	4.963	5.382
27											
28	FINANCE, INSUR, REAL ESTATE	.908	1.009	1.120	1.278	1.443	1.618	1.823	2.048	2.303	2.580
29	BANKING	.258	.277	.308	.355	.394	.430	.473	.513	.554	.594
30	NONBANKING	.650	.731	.812	.923	1.048	1.188	1.351	1.535	1.750	1.987
31											
32	TRANS, COMM, PUB UTIL	1.528	1.683	1.865	2.162	2.411	2.711	3.019	3.342	3.661	4.046
33	TRANSPORTATION	.737	.798	.855	.960	1.051	1.159	1.271	1.381	1.489	1.614
34	COMMUNICATION	.458	.510	.573	.659	.739	.837	.941	1.057	1.171	1.308
35	PUBLIC UTILITIES	.332	.375	.436	.543	.621	.715	.807	.904	1.002	1.123
36											
37	AGRI SERV, FOREST, FISHERY	.078	.089	.099	.112	.127	.141	.157	.170	.188	.206
38											
39	GOVERNMENT										
40	STATE AND LOCAL	2.841	3.203	3.609	4.118	4.718	5.325	5.957	6.631	7.371	8.169
41	FEDERAL CIVILIAN	1.543	1.658	1.789	1.950	2.116	2.254	2.380	2.507	2.651	2.789
42	FEDERAL MILITARY	.500	.529	.567	.604	.647	.683	.710	.737	.766	.796
43											
44	FARMING	.099	.104	.111	.119	.129	.137	.146	.154	.163	.172
45											

TAB. 5.11 WAGE AND SALARY INCOME (DETAIL) -- GROWTH RATES
1 & 2 DIGIT SIC INDUSTRY GROUPS

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1	AWSYMF	MANUFACTURING	13.3%	12.5%	5.7%	8.3%	1.8%	5.1%	9.1%	13.7%	10.1%	9.8%
2	AWSYNM	NONDURABLE	9.2%	10.1%	9.5%	9.0%	2.4%	4.8%	7.1%	12.1%	9.4%	9.0%
3	AWSYFD	FOOD	9.0%	11.1%	10.3%	9.5%	4.8%	9.0%	6.5%	7.7%	6.9%	6.4%
4	AWSYTX	TEXTILE	6.3%	6.8%	6.6%	7.5%	-4.1%	.8%	-1.9%	12.9%	7.5%	6.3%
5	AWSYAP	APPAREL	9.9%	5.4%	13.4%	9.6%	4.4%	10.9%	10.4%	12.6%	11.0%	10.5%
6	AWSYPA	PAPER	10.3%	14.4%	8.9%	14.1%	7.3%	2.0%	10.0%	13.3%	10.5%	8.9%
7	AWSYPT	PRINTING, PUBLISHING	7.1%	8.9%	8.0%	10.4%	7.0%	3.5%	9.8%	14.0%	10.3%	10.5%
8	AWSYCH	CHEMICAL	10.0%	14.1%	9.8%	1.7%	3.5%	5.9%	9.0%	11.3%	9.5%	8.6%
9	AWSYRB	RUBBER, PLASTIC	13.6%	13.7%	10.0%	9.2%	-4.7%	2.7%	12.1%	15.9%	10.6%	13.8%
10	AWSYON	OTHER NONDURABLE	3.1%	-.1%	7.7%	9.0%	6.3%	-11.1%	-20.9%	-6.3%	-1.5%	2.4%
11												
12	AWSYDM	DURABLE	17.0%	14.6%	2.5%	7.7%	1.2%	5.4%	10.8%	15.0%	10.8%	10.5%
13	AWSYTU	LUMBER	17.8%	10.8%	8.6%	10.2%	6.0%	10.2%	10.8%	16.0%	11.5%	12.4%
14	AWSYFU	FURNITURE	28.6%	7.6%	8.0%	15.4%	-19.9%	5.5%	9.5%	14.5%	4.0%	7.6%
15	AWSYPM	PRIMARY METAL	15.5%	7.6%	-3.6%	2.1%	-7.0%	8.3%	13.6%	19.1%	13.4%	10.8%
16	AWSYFB	FABRICATED METAL	12.7%	14.9%	5.1%	11.4%	-.9%	3.1%	9.4%	14.0%	10.5%	11.2%
17	AWSYMY	NONELECTRICAL MACHINERY	27.2%	15.9%	9.4%	5.7%	11.8%	5.3%	2.9%	12.1%	8.9%	9.8%
18	AWSYEL	ELECTRICAL MACHINERY	26.4%	24.5%	6.0%	15.3%	13.0%	6.7%	13.6%	16.2%	14.2%	14.1%
19	AWSYTM	ALL TRANS EQUIP	15.7%	29.6%	5.5%	11.7%	8.6%	-.7%	13.2%	15.0%	10.2%	11.1%
20	AWSYSC	STONE, CLAY, GLASS	13.5%	8.4%	4.3%	6.8%	-.7%	9.1%	9.9%	14.1%	12.4%	13.7%
21	AWSYOD	OTHER DURABLE	12.0%	26.4%	24.2%	12.7%	-1.4%	11.1%	10.5%	13.6%	10.9%	11.0%
22												
23	AWSYMI	MINING	15.3%	27.4%	11.8%	-4.5%	17.3%	7.8%	-2.7%	9.9%	11.8%	10.9%
24	AWSYCS	CONSTRUCTION	9.9%	.5%	5.3%	8.1%	6.0%	2.1%	2.0%	16.6%	17.4%	21.1%
25	AWSYTR	TRADE	10.4%	10.6%	6.9%	-.2%	8.2%	14.8%	13.6%	14.8%	11.0%	11.5%
26	AWSYSV	SERVICES	16.6%	10.6%	13.1%	13.8%	1.7%	8.2%	6.9%	11.5%	8.3%	9.3%
27												
28	AWSYFI	FINANCE, INSUR, REAL ESTATE	10.6%	11.2%	8.8%	9.5%	6.8%	11.1%	11.0%	14.1%	12.9%	12.2%
29	AWSYBK	BANKING	13.3%	12.4%	10.1%	8.8%	4.1%	7.6%	10.9%	15.4%	11.1%	9.2%
30	AWSYNB	NONBANKING	9.5%	10.7%	8.2%	9.7%	8.0%	12.5%	11.1%	13.6%	13.6%	13.3%
31												
32	AWSYTU	TRANS, COMM, PUB UTIL	17.8%	10.8%	8.6%	10.2%	6.0%	10.2%	10.8%	16.0%	11.5%	12.4%
33	AWSYTN	TRANSPORTATION	13.7%	11.0%	6.2%	11.2%	9.4%	8.2%	7.2%	12.2%	9.5%	10.2%
34	AWSYCN	COMMUNICATION	14.3%	14.1%	9.3%	10.8%	5.4%	11.4%	12.4%	15.0%	12.1%	13.2%
35	AWSYPU	PUBLIC UTILITIES	32.3%	6.4%	12.6%	7.6%	-.2%	13.0%	16.1%	24.5%	14.4%	15.2%
36												
37	AWSYAF	AGRI SERV, FOREST, FISHERY	29.9%	8.5%	9.1%	18.2%	12.1%	14.2%	10.8%	12.9%	14.2%	10.6%
38												
39		GOVERNMENT										
40	AWSYSL	STATE AND LOCAL	16.6%	10.2%	10.0%	6.8%	7.5%	12.8%	12.7%	14.1%	14.6%	12.9%
41	AWSYFC	FEDERAL CIVILIAN	7.8%	6.6%	10.2%	9.5%	6.8%	7.4%	7.9%	9.0%	8.5%	6.5%
42	AWSYFS	FEDERAL MILITARY	2.1%	7.8%	16.7%	10.3%	3.3%	6.0%	7.1%	6.6%	7.1%	5.5%
43												
44	AWSYFM	FARMING	20.7%	9.7%	11.9%	5.2%	2.8%	4.9%	6.7%	7.0%	8.7%	6.3%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 5.11 WAGE AND SALARY INCOME (DETAIL) -- GROWTH RATES
1 & 2 DIGIT SIC INDUSTRY GROUPS

LABEL			1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1	AWSYMF	MANUFACTURING.................	1.8%	5.1%	9.1%	13.7%	10.1%	9.8%	9.3%	8.5%	7.5%	8.0%
2	AWSYNM	NONDURABLE.................	2.4%	4.8%	7.1%	12.1%	9.4%	9.0%	8.8%	7.8%	7.3%	7.2%
3	AWSYFD	FOOD........................	4.8%	9.0%	6.5%	7.7%	6.9%	6.4%	6.3%	6.0%	6.2%	5.4%
4	AWSYTX	TEXTILE.....................	-4.1%	.8%	-1.9%	12.9%	7.5%	6.3%	6.4%	5.8%	4.1%	3.7%
5	AWSYAP	APPAREL.....................	4.4%	10.9%	10.4%	12.6%	11.0%	10.5%	10.0%	9.3%	9.2%	8.6%
6	AWSYPA	PAPER.......................	7.3%	2.0%	10.0%	13.3%	10.5%	8.9%	9.0%	8.0%	8.1%	7.7%
7	AWSYPT	PRINTING, PUBLISHING......	7.0%	3.5%	9.8%	14.0%	10.3%	10.5%	10.1%	9.6%	8.5%	8.0%
8	AWSYCH	CHEMICAL....................	3.5%	5.9%	9.0%	11.3%	9.5%	8.6%	8.2%	6.9%	6.7%	6.8%
9	AWSYRB	RUBBER, PLASTIC............	-4.7%	2.7%	12.1%	15.9%	10.6%	13.8%	13.0%	9.4%	8.4%	9.9%
10	AWSYON	OTHER NONDURABLE..........	6.3%	-11.1%	-20.9%	-6.3%	-1.5%	2.4%	3.2%	4.6%	5.2%	4.8%
11												
12	AWSYDM	DURABLE.....................	1.2%	5.4%	10.8%	15.0%	10.8%	10.5%	9.8%	9.0%	7.5%	8.6%
13	AWSYTU	LUMBER......................	6.0%	10.2%	10.8%	16.0%	11.5%	12.4%	11.4%	10.7%	9.6%	10.5%
14	AWSYFU	FURNITURE...................	-19.9%	5.5%	9.5%	14.5%	4.0%	7.6%	9.9%	8.2%	1.5%	6.8%
15	AWSYPM	PRIMARY METAL..............	-7.0%	8.3%	13.6%	19.1%	13.4%	10.8%	9.2%	8.0%	7.0%	8.0%
16	AWSYFB	FABRICATED METAL...........	-.9%	3.1%	9.4%	14.0%	10.5%	11.2%	10.3%	9.9%	8.0%	9.0%
17	AWSYMY	NONELECTRICAL MACHINERY...	11.8%	5.3%	2.9%	12.1%	8.9%	9.8%	8.8%	7.5%	5.5%	6.7%
18	AWSYEL	ELECTRICAL MACHINERY......	13.0%	6.7%	13.6%	16.2%	14.2%	14.1%	13.4%	13.4%	12.8%	13.1%
19	AWSYTM	ALL TRANS EQUIP............	8.6%	-.7%	13.2%	15.0%	10.2%	11.1%	9.3%	9.7%	7.8%	8.3%
20	AWSYSC	STONE, CLAY, GLASS........	-.7%	9.1%	9.9%	14.1%	12.4%	13.7%	13.6%	12.4%	11.1%	11.7%
21	AWSYOD	OTHER DURABLE.............	-1.4%	11.1%	10.5%	13.6%	10.9%	11.0%	9.8%	10.1%	9.5%	9.1%
22												
23	AWSYMI	MINING......................	17.3%	7.8%	-2.7%	9.9%	11.8%	10.9%	11.5%	11.4%	11.3%	16.1%
24	AWSYCS	CONSTRUCTION................	6.0%	2.1%	2.0%	16.6%	17.4%	21.1%	21.1%	19.7%	17.6%	19.3%
25	AWSYTR	TRADE.......................	8.2%	14.8%	13.6%	14.8%	11.0%	11.5%	10.9%	10.4%	10.2%	10.9%
26	AWSYSV	SERVICES....................	1.7%	8.2%	6.9%	11.5%	8.3%	9.3%	8.5%	8.3%	8.1%	8.4%
27												
28	AWSYFI	FINANCE, INSUR, REAL ESTATE..	6.8%	11.1%	11.0%	14.1%	12.9%	12.2%	12.7%	12.3%	12.5%	12.0%
29	AWSYBK	BANKING.....................	4.1%	7.6%	10.9%	15.4%	11.1%	9.2%	9.8%	8.6%	7.9%	7.2%
30	AWSYNB	NONBANKING..................	8.0%	12.5%	11.1%	13.6%	13.6%	13.3%	13.7%	13.6%	14.0%	13.5%
31												
32	AWSYTU	TRANS, COMM, PUB UTIL........	6.0%	10.2%	10.8%	16.0%	11.5%	12.4%	11.4%	10.7%	9.6%	10.5%
33	AWSYTN	TRANSPORTATION.............	9.4%	8.2%	7.2%	12.2%	9.5%	10.2%	9.7%	8.6%	7.8%	8.4%
34	AWSYCN	COMMUNICATION..............	5.4%	11.4%	12.4%	15.0%	12.1%	13.2%	12.5%	12.3%	10.8%	11.8%
35	AWSYPU	PUBLIC UTILITIES...........	-.2%	13.0%	16.1%	24.5%	14.4%	15.2%	12.9%	12.0%	10.8%	12.1%
36												
37	AWSYAF	AGRI SERV, FOREST, FISHERY...	12.1%	14.2%	10.8%	12.9%	14.2%	10.6%	11.0%	8.8%	10.7%	9.5%
38												
39		GOVERNMENT										
40	AWSYSL	STATE AND LOCAL............	7.5%	12.8%	12.7%	14.1%	14.6%	12.9%	11.9%	11.3%	11.2%	10.8%
41	AWSYFC	FEDERAL CIVILIAN...........	6.8%	7.4%	7.9%	9.0%	8.5%	6.5%	5.6%	5.4%	5.7%	5.2%
42	AWSYFS	FEDERAL MILITARY...........	3.3%	6.0%	7.1%	6.6%	7.1%	5.5%	4.1%	3.7%	4.0%	3.9%
43												
44	AWSYFM	FARMING.....................	2.8%	4.9%	6.7%	7.0%	8.7%	6.3%	6.4%	5.5%	5.7%	5.5%

TAB. 5.20 WAGE AND SALARY INCOME (DETAIL) -- CURRENT $
INDUSTRY SHARE OF TOTAL PERSONAL INCOME
1 & 2 DIGIT SIC INDUSTRY GROUPS

	LABEL	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1	MANUFACTURING.................	18.671	18.900	18.056	17.936	17.019	16.387	16.314	16.674	16.687	16.641
2	NONDURABLE.................	8.681	8.598	8.511	8.507	8.122	7.795	7.622	7.688	7.643	7.563
3	FOOD....................	1.169	1.168	1.164	1.170	1.143	1.141	1.109	1.075	1.044	1.009
4	TEXTILE.................	1.841	1.769	1.703	1.679	1.501	1.385	1.240	1.259	1.230	1.188
5	APPAREL.................	1.539	1.460	1.496	1.505	1.464	1.487	1.499	1.519	1.531	1.537
6	PAPER...................	1.531	1.575	1.550	1.623	1.624	1.516	1.523	1.551	1.557	1.540
7	PRINTING, PUBLISHING......	.474	.465	.454	.460	.458	.434	.436	.446	.448	.449
8	CHEMICAL................	1.072	1.101	1.093	1.019	.984	.954	.950	.950	.946	.933
9	RUBBER, PLASTIC...........	.912	.933	.927	.928	.825	.775	.794	.827	.831	.858
10	OTHER NONDURABLE..........	.141	.127	.123	.123	.122	.099	.072	.061	.054	.050
12	DURABLE....................	9.990	10.303	9.545	9.429	8.897	8.592	8.692	8.987	9.044	9.078
13	LUMBER..................	1.192	1.221	1.068	1.032	1.017	.975	.954	.924	.861	.807
14	FURNITURE...............	.297	.287	.281	.297	.222	.214	.214	.221	.208	.204
15	PRIMARY METAL.............	3.482	3.370	2.935	2.748	2.383	2.363	2.452	2.625	2.706	2.722
16	FABRICATED METAL..........	1.314	1.358	1.289	1.317	1.217	1.150	1.149	1.178	1.183	1.194
17	NONELECTRICAL MACHINERY...	.785	.818	.809	.784	.818	.788	.741	.747	.739	.737
18	ELECTRICAL MACHINERY......	.802	.899	.861	.911	.960	.938	.973	1.016	1.054	1.092
19	ALL TRANS EQUIP...........	1.188	1.385	1.321	1.354	1.371	1.247	1.288	1.332	1.334	1.345
20	STONE, CLAY, GLASS........	.580	.566	.534	.523	.484	.483	.485	.498	.508	.524
21	OTHER DURABLE.............	.351	.399	.447	.463	.425	.433	.437	.446	.450	.453
23	MINING.................. ...	1.108	1.270	1.283	1.124	1.229	1.214	1.079	1.066	1.083	1.090
24	CONSTRUCTION.................	4.080	3.689	3.509	3.480	3.440	3.217	2.995	3.140	3.349	3.683
25	TRADE........................	9.776	9.727	9.398	8.608	8.682	9.125	9.464	9.770	9.857	9.980
26	SERVICES.....................	7.461	7.422	7.584	7.918	7.505	7.436	7.254	7.272	7.156	7.099
28	FINANCE, INSUR, REAL ESTATE..	2.704	2.705	2.659	2.670	2.660	2.706	2.743	2.815	2.887	2.940
29	BANKING....................	.774	.783	.780	.778	.756	.744	.753	.782	.789	.782
30	NONBANKING.................	1.929	1.922	1.879	1.892	1.904	1.962	1.989	2.033	2.098	2.158
32	TRANS, COMM, PUB UTIL........	4.579	4.564	4.478	4.528	4.475	4.516	4.566	4.762	4.825	4.925
33	TRANSPORTATION.............	2.167	2.164	2.076	2.117	2.160	2.140	2.095	2.115	2.104	2.106
34	COMMUNICATION..............	1.325	1.360	1.342	1.365	1.341	1.369	1.404	1.452	1.479	1.520
35	PUBLIC UTILITIES...........	1.087	1.041	1.059	1.046	.974	1.007	1.068	1.195	1.242	1.299
37	AGRI SERV, FOREST, FISHERY...	.210	.205	.202	.219	.229	.239	.242	.246	.255	.256
39	GOVERNMENT										
40	STATE AND LOCAL............	8.602	8.525	8.474	8.300	8.322	8.594	8.839	9.070	9.442	9.675
41	FEDERAL CIVILIAN...........	4.735	4.539	4.521	4.541	4.521	4.447	4.381	4.295	4.234	4.095
42	FEDERAL MILITARY...........	1.468	1.424	1.502	1.520	1.464	1.420	1.389	1.331	1.295	1.240
44	FARMING......................	.314	.310	.313	.302	.290	.278	.271	.261	.258	.249

TAB. 5.20 WAGE AND SALARY INCOME (DETAIL) -- CURRENT $
INDUSTRY SHARE OF TOTAL PERSONAL INCOME
1 & 2 DIGIT SIC INDUSTRY GROUPS

LABEL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MANUFACTURING	17.019	16.387	16.314	16.674	16.687	16.641	16.544	16.424	16.249	15.986
NONDURABLE	8.122	7.795	7.622	7.688	7.643	7.563	7.484	7.383	7.297	7.127
FOOD	1.143	1.141	1.109	1.075	1.044	1.009	.975	.946	.925	.888
TEXTILE	1.501	1.385	1.240	1.259	1.230	1.188	1.149	1.113	1.066	1.007
APPAREL	1.464	1.487	1.499	1.519	1.531	1.537	1.537	1.538	1.546	1.530
PAPER	1.624	1.516	1.523	1.551	1.557	1.540	1.527	1.509	1.502	1.475
PRINTING, PUBLISHING	.458	.434	.436	.446	.448	.449	.450	.451	.451	.444
CHEMICAL	.984	.954	.950	.950	.946	.933	.918	.898	.882	.859
RUBBER, PLASTIC	.825	.775	.794	.827	.831	.858	.882	.883	.881	.883
OTHER NONDURABLE	.122	.099	.072	.061	.054	.050	.047	.045	.044	.042
DURABLE	8.897	8.592	8.692	8.987	9.044	9.078	9.060	9.041	8.952	8.860
LUMBER	1.017	.975	.954	.924	.861	.807	.769	.722	.663	.616
FURNITURE	.222	.214	.214	.221	.208	.204	.204	.201	.188	.183
PRIMARY METAL	2.383	2.363	2.452	2.625	2.706	2.722	2.704	2.673	2.632	2.591
FABRICATED METAL	1.217	1.150	1.149	1.178	1.183	1.194	1.198	1.205	1.198	1.191
NONELECTRICAL MACHINERY	.818	.788	.741	.747	.739	.737	.729	.717	.696	.677
ELECTRICAL MACHINERY	.960	.938	.973	1.016	1.054	1.092	1.126	1.168	1.213	1.250
ALL TRANS EQUIP	1.371	1.247	1.288	1.332	1.334	1.345	1.336	1.341	1.331	1.314
STONE, CLAY, GLASS	.484	.483	.485	.498	.508	.524	.542	.558	.571	.581
OTHER DURABLE	.425	.433	.437	.446	.450	.453	.453	.456	.460	.457
MINING	1.229	1.214	1.079	1.066	1.083	1.090	1.106	1.127	1.154	1.221
CONSTRUCTION	3.440	3.217	2.995	3.140	3.349	3.683	4.057	4.445	4.815	5.233
TRADE	8.682	9.125	9.464	9.770	9.857	9.980	10.061	10.169	10.319	10.426
SERVICES	7.505	7.436	7.254	7.272	7.156	7.099	7.004	6.945	6.910	6.828
FINANCE, INSUR, REAL ESTATE	2.660	2.706	2.743	2.815	2.887	2.940	3.012	3.096	3.206	3.273
BANKING	.756	.744	.753	.782	.789	.782	.781	.776	.771	.753
NONBANKING	1.904	1.962	1.989	2.033	2.098	2.158	2.231	2.320	2.436	2.520
TRANS, COMM, PUB UTIL	4.475	4.516	4.566	4.762	4.825	4.925	4.988	5.052	5.097	5.133
TRANSPORTATION	2.160	2.140	2.095	2.115	2.104	2.106	2.100	2.087	2.072	2.048
COMMUNICATION	1.341	1.369	1.404	1.452	1.479	1.520	1.555	1.598	1.630	1.660
PUBLIC UTILITIES	.974	1.007	1.068	1.195	1.242	1.299	1.334	1.367	1.395	1.425
AGRI SERV, FOREST, FISHERY	.229	.239	.242	.246	.255	.256	.259	.258	.262	.262
GOVERNMENT										
STATE AND LOCAL	8.322	8.594	8.839	9.070	9.442	9.675	9.842	10.026	10.261	10.364
FEDERAL CIVILIAN	4.521	4.447	4.381	4.295	4.234	4.095	3.931	3.791	3.690	3.538
FEDERAL MILITARY	1.464	1.420	1.389	1.331	1.295	1.240	1.173	1.114	1.066	1.010
FARMING	.290	.278	.271	.261	.258	.249	.241	.233	.226	.218

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 6.00 PRODUCTIVITY OF LABOR (VALUE OF OUTPUT PER DOLLAR OF WAGE)
1-DIGIT SIC INDUSTRY GROUPS
WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
AWSPMF	MANUFACTURING.................	1.845	1.839	1.803	1.725	1.624	1.665	1.688	1.679	1.673	1.673
		-.6%	-.4%	-2.0%	-4.3%	-5.8%	2.6%	1.4%	-.6%	-.4%	-.0%
AWSPNM	NONDURABLE..................	1.994	2.030	2.024	1.949	1.862	1.887	1.937	1.955	1.961	1.970
		-1.2%	1.8%	-.3%	-3.7%	-4.5%	1.4%	2.7%	.9%	.3%	.4%
AWSPDM	DURABLE.....................	1.716	1.679	1.605	1.522	1.408	1.465	1.470	1.443	1.429	1.425
		.6%	-2.2%	-4.4%	-5.2%	-7.5%	4.0%	.4%	-1.9%	-.9%	-.3%
AWSPMI	MINING........................	2.613	2.650	2.682	2.163	2.600	2.821	3.414	3.697	3.939	4.270
		-2.8%	1.4%	1.2%	-19.3%	20.2%	8.5%	21.0%	8.3%	6.6%	8.4%
AWSPCS	CONSTRUCTION..................	1.554	1.551	1.527	1.287	1.171	1.328	1.547	1.581	1.633	1.690
		-1.0%	-.2%	-1.6%	-15.7%	-9.0%	13.4%	16.4%	2.2%	3.3%	3.4%
AWSPTR	TRADE.........................	1.911	1.880	1.837	2.026	2.102	2.074	2.058	1.982	1.953	1.916
		-2.5%	-1.6%	-2.3%	10.3%	3.8%	-1.3%	-.8%	-3.7%	-1.4%	-1.9%
AWSPSV	SERVICES......................	1.590	1.583	1.536	1.435	1.576	1.551	1.559	1.509	1.511	1.491
		-2.0%	-.4%	-3.0%	-6.6%	9.8%	-1.6%	.5%	-3.2%	.1%	-1.3%
AWSPFI	FINANCE, INSUR, REAL ESTATE...	5.243	5.196	5.129	5.308	5.366	5.309	5.270	5.182	5.209	5.253
		-.9%	-.9%	-1.3%	3.5%	1.1%	-1.1%	-.7%	-1.7%	.5%	.9%
AWSPTU	TRANS, COMM, PUB UTIL.........	2.373	2.305	2.322	2.391	2.364	2.474	2.585	2.584	2.630	2.700
		-.7%	-2.8%	.7%	3.0%	-1.1%	4.6%	4.5%	-.0%	1.8%	2.6%
	GOVERNMENT										
AWSPSL	STATE AND LOCAL.............	1.190	1.198	1.181	1.185	1.193	1.194	1.213	1.227	1.237	1.234
		.3%	.7%	-1.5%	.3%	.7%	.1%	1.6%	1.2%	.8%	-.3%
AWSPFG	FEDERAL.....................	1.227	1.232	1.238	1.207	1.228	1.193	1.182	1.176	1.177	1.171
		.1%	.4%	.5%	-2.6%	1.7%	-2.9%	-.9%	-.5%	.0%	-.5%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 6.00 PRODUCTIVITY OF LABOR (VALUE OF OUTPUT PER DOLLAR OF WAGE)
1-DIGIT SIC INDUSTRY GROUPS
WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
AWSPMF	MANUFACTURING..................	1.624	1.665	1.688	1.679	1.673	1.673	1.678	1.678	1.680	1.688
		-5.8%	2.6%	1.4%	-.6%	-.4%	-.0%	.3%	.0%	.1%	.5%
AWSPNM	NONDURABLE...................	1.862	1.887	1.937	1.955	1.961	1.970	1.980	1.989	1.996	2.005
		-4.5%	1.4%	2.7%	.9%	.3%	.4%	.5%	.5%	.4%	.4%
AWSPDM	DURABLE......................	1.408	1.465	1.470	1.443	1.429	1.425	1.428	1.424	1.422	1.433
		-7.5%	4.0%	.4%	-1.9%	-.9%	-.3%	.2%	-.3%	-.2%	.8%
AWSPMI	MINING.........................	2.600	2.821	3.414	3.697	3.939	4.270	4.650	5.016	5.378	5.571
		20.2%	8.5%	21.0%	8.3%	6.6%	8.4%	8.9%	7.9%	7.2%	3.6%
AWSPCS	CONSTRUCTION..................	1.171	1.328	1.547	1.581	1.633	1.690	1.752	1.817	1.880	1.941
		-9.0%	13.4%	16.4%	2.2%	3.3%	3.4%	3.7%	3.7%	3.4%	3.3%
AWSPTR	TRADE..........................	2.102	2.074	2.058	1.982	1.953	916	1.901	1.887	1.861	1.845
		3.8%	-1.3%	-.8%	-3.7%	-1.4%	-1.9%	-.8%	-.7%	-1.4%	-.8%
AWSPSV	SERVICES.......................	1.576	1.551	1.559	1.509	1.511	1.491	1.482	1.475	1.462	1.452
		9.8%	-1.6%	.5%	-3.2%	.1%	-1.3%	-.6%	-.5%	-.9%	-.7%
AWSPFI	FINANCE, INSUR, REAL ESTATE...	5.366	5.309	5.270	5.182	5.209	5.253	5.315	5.347	5.367	5.396
		1.1%	-1.1%	-.7%	-1.7%	.5%	.9%	1.2%	.6%	.4%	.5%
AWSPTU	TRANS, COMM, PUB UTIL.........	2.364	2.474	2.585	2.584	2.630	2.700	2.743	2.779	2.805	2.846
		-1.1%	4.6%	4.5%	-.0%	1.8%	2.6%	1.6%	1.3%	.9%	1.5%
	GOVERNMENT										
AWSPSL	STATE AND LOCAL.............	1.193	1.194	1.213	1.227	1.237	1.234	1.233	1.234	1.239	1.242
		.7%	.1%	1.6%	1.2%	.8%	-.3%	-.0%	.1%	.3%	.3%
AWSPFG	FEDERAL.....................	1.228	1.193	1.182	1.176	1.177	1.171	1.171	1.171	1.169	1.168
		1.7%	-2.9%	-.9%	-.5%	.0%	-.5%	-.0%	-.0%	-.2%	-.0%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 7.00 RETAIL SECTOR (SALES BY RETAILERS) -- CURRENT $ (BILLIONS)
WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
ARTTSR	TOTAL..........................	17.464	19.126	19.407	20.790	21.397	24.064	27.296	30.829	34.359	38.277
		8.5%	9.5%	1.5%	7.1%	2.9%	12.5%	13.4%	12.9%	11.4%	11.4%
ARTFD	FOOD........................	2.686	3.004	3.342	3.577	3.915	4.311	4.761	5.302	5.724	6.162
		10.3%	11.8%	11.3%	7.0%	9.5%	10.1%	10.5%	11.4%	8.0%	7.6%
ARTGS	GENERAL STORES...............	.187	.229	.274	.319	.278	.278	.285	.314	.331	.337
		18.4%	22.5%	19.7%	16.5%	-13.0%	-.0%	2.6%	10.3%	5.2%	1.9%
ARTGM	GENERAL MERCHANDISE..........	1.780	1.928	2.002	2.189	2.079	2.265	2.452	2.687	2.897	3.140
		8.8%	8.3%	3.8%	9.4%	-5.0%	8.9%	8.2%	9.6%	7.8%	8.4%
ARTAPP	APPAREL......................	.424	.457	.461	.486	.503	.564	.628	.705	.780	.856
		9.9%	7.8%	.9%	5.5%	3.4%	12.1%	11.4%	12.3%	10.5%	9.8%
ARTFUR	FURNITURE....................	.461	.512	.543	.527	.595	.674	.759	.870	.966	1.069
		11.9%	11.1%	6.1%	-3.0%	13.1%	13.2%	12.7%	14.6%	11.1%	10.6%
ARTAU	AUTOMOTIVE...................	2.696	2.692	2.377	2.584	2.531	3.092	3.978	4.655	5.510	6.403
		14.8%	-.1%	-11.7%	8.7%	-2.0%	22.2%	28.7%	17.0%	18.4%	16.2%
ARTGAS	GASOLINE.....................	.889	1.039	1.314	1.384	1.399	1.518	1.680	1.897	2.104	2.332
		4.5%	16.9%	26.5%	5.3%	1.1%	8.5%	10.7%	12.9%	10.9%	10.8%
ARTLUM	LUMBER.......................	.840	.898	.878	.844	.903	1.077	1.322	1.616	2.005	2.466
		15.3%	6.9%	-2.2%	-3.8%	6.9%	19.2%	22.8%	22.3%	24.1%	23.0%
ARTHW	HARDWARE.....................	.421	.419	.386	.384	.439	.492	.545	.601	.659	.718
		15.2%	-.5%	-7.9%	-.6%	14.3%	12.2%	10.7%	10.4%	9.5%	9.0%
ARTEPL	EATING PLACES................	.799	.896	.973	1.040	1.218	1.366	1.523	1.720	1.922	2.146
		15.8%	12.1%	8.6%	6.9%	17.1%	12.2%	11.5%	13.0%	11.7%	11.6%
ARTDST	DRUG STORES..................	.362	.407	.434	.458	.502	.550	.599	.659	.720	.785
		8.6%	12.3%	6.6%	5.4%	9.8%	9.4%	9.1%	9.9%	9.4%	8.9%
ARTAOR	ALL OTHER....................	1.909	2.137	2.273	2.447	2.610	2.922	3.233	3.645	4.033	4.484
		8.3%	11.9%	6.4%	7.7%	6.7%	11.9%	10.6%	12.8%	10.6%	11.2%
ARTNUC	NON-RETAIL...................	4.009	4.135	4.174	4.550	4.424	4.959	5.529	6.155	6.711	7.377
		.5%	3.1%	.9%	9.0%	-2.8%	12.1%	11.5%	11.3%	9.0%	9.9%

TAB. 7.00 RETAIL SECTOR (SALES BY RETAILERS) -- CURRENT $ (BILLIONS)
WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
ARTTSR	TOTAL........................	21.397	24.064	27.296	30.829	34.359	38.277	42.946	47.789	52.912	59.235
		2.9%	12.5%	13.4%	12.9%	11.4%	11.4%	12.2%	11.3%	10.7%	11.9%
ARTFD	FOOD........................	3.915	4.311	4.761	5.302	5.724	6.162	6.610	7.075	7.625	8.174
		9.5%	10.1%	10.5%	11.4%	8.0%	7.6%	7.3%	7.0%	7.8%	7.2%
ARTGS	GENERAL STORES..............	.278	.278	.285	.314	.331	.337	.347	.355	.362	.368
		-13.0%	-.0%	2.6%	10.3%	5.2%	1.9%	2.9%	2.4%	1.9%	1.6%
ARTGM	GENERAL MERCHANDISE.........	2.079	2.265	2.452	2.687	2.897	3.140	3.417	3.699	3.977	4.332
		-5.0%	8.9%	8.2%	9.6%	7.8%	8.4%	8.8%	8.3%	7.5%	8.9%
ARTAPP	APPAREL.....................	.503	.564	.628	.705	.780	.856	.936	1.019	1.102	1.201
		3.4%	12.1%	11.4%	12.3%	10.5%	9.8%	9.4%	8.8%	8.2%	8.9%
ARTFUR	FURNITURE...................	.595	.674	.759	.870	.966	1.069	1.176	1.292	1.418	1.561
		13.1%	13.2%	12.7%	14.6%	11.1%	10.6%	10.1%	9.8%	9.8%	10.1%
ARTAU	AUTOMOTIVE..................	2.531	3.092	3.978	4.655	5.510	6.403	7.633	8.812	10.081	11.718
		-2.0%	22.2%	28.7%	17.0%	18.4%	16.2%	19.2%	15.4%	14.4%	16.2%
ARTGAS	GASOLINE....................	1.399	1.518	1.680	1.897	2.104	2.332	2.591	2.855	3.125	3.467
		1.1%	8.5%	10.7%	12.9%	10.9%	10.8%	11.1%	10.2%	9.5%	11.0%
ARTLUM	LUMBER......................	.903	1.077	1.322	1.616	2.005	2.466	3.038	3.727	4.506	5.466
		6.9%	19.2%	22.8%	22.3%	24.1%	23.0%	23.2%	22.7%	20.9%	21.3%
ARTHW	HARDWARE....................	.439	.492	.545	.601	.659	.718	.782	.850	.920	.999
		14.3%	12.2%	10.7%	10.4%	9.5%	9.0%	9.0%	8.7%	8.2%	8.6%
ARTEPL	EATING PLACES...............	1.218	1.366	1.523	1.720	1.922	2.146	2.387	2.640	2.900	3.220
		17.1%	12.2%	11.5%	13.0%	11.7%	11.6%	11.3%	10.6%	9.8%	11.0%
ARTDST	DRUG STORES............	.502	.550	.599	.659	.720	.785	.852	.923	.996	1.077
		9.8%	9.4%	9.1%	9.9%	9.4%	8.9%	8.6%	8.3%	7.9%	8.1%
ARTAOR	ALL OTHER...................	2.610	2.922	3.233	3.645	4.033	4.484	5.007	5.551	6.100	6.813
		6.7%	11.9%	10.6%	12.8%	10.6%	11.2%	11.7%	10.9%	9.9%	11.7%
ARTNUC	NON-RETAIL..................	4.424	4.959	5.529	6.155	6.711	7.377	8.165	8.990	9.796	10.832
		-2.8%	12.1%	11.5%	11.3%	9.0%	9.9%	10.7%	10.1%	9.0%	10.6%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA

TAB. 7.10 RETAIL SECTOR -- CATEGORY SHARE OF TOTAL (%)

LABEL	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
TOTAL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
FOOD	15.380	15.706	17.221	17.204	18.299	17.913	17.443	17.198	16.660	16.098
GENERAL STORES	1.071	1.197	1.412	1.536	1.298	1.154	1.044	1.020	.963	.881
GENERAL MERCHANDISE	10.192	10.081	10.316	10.531	9.717	9.412	8.981	8.716	8.431	8.204
APPAREL	2.428	2.389	2.375	2.340	2.350	2.343	2.301	2.288	2.269	2.236
FURNITURE	2.639	2.677	2.798	2.532	2.782	2.800	2.781	2.822	2.812	2.792
AUTOMOTIVE	15.437	14.075	12.248	12.428	11.828	12.849	14.574	15.098	16.036	16.729
GASOLINE	5.090	5.432	6.771	6.658	6.539	6.307	6.155	6.153	6.123	6.092
LUMBER	4.810	4.695	4.524	4.062	4.221	4.474	4.841	5.241	5.836	6.443
HARDWARE	2.411	2.191	1.989	1.846	2.051	2.045	1.996	1.951	1.917	1.876
EATING PLACES	4.575	4.685	5.014	5.001	5.691	5.676	5.578	5.581	5.595	5.606
DRUG STORES	2.075	2.128	2.236	2.201	2.348	2.284	2.196	2.137	2.096	2.050
ALL OTHER	10.931	11.173	11.712	11.773	12.200	12.144	11.843	11.824	11.738	11.714
NON-RETAIL	22.956	21.620	21.508	21.888	20.677	20.608	20.257	19.967	19.533	19.274

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA

TAB. 7.10 RETAIL SECTOR -- CATEGORY SHARE OF TOTAL (%)

LABEL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
TOTAL..........................	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
FOOD.......................	18.299	17.913	17.443	17.198	16.660	16.098	15.390	14.804	14.411	13.300
GENERAL STORES.............	1.298	1.154	1.044	1.020	.963	.881	.807	.743	.684	.621
GENERAL MERCHANDISE........	9.717	9.412	8.981	8.716	8.431	8.204	7.955	7.740	7.517	7.314
APPAREL....................	2.350	2.343	2.301	2.288	2.269	2.236	2.180	2.132	2.083	2.027
FURNITURE..................	2.782	2.800	2.781	2.822	2.812	2.792	2.739	2.703	2.679	2.636
AUTOMOTIVE.................	11.828	12.849	14.574	15.098	16.036	16.729	17.774	18.438	19.052	19.782
GASOLINE...................	6.539	6.307	6.155	6.153	6.123	6.092	6.033	5.973	5.905	5.854
LUMBER.....................	4.221	4.474	4.841	5.241	5.836	6.443	7.075	7.799	8.516	9.228
HARDWARE...................	2.051	2.045	1.996	1.951	1.917	1.876	1.822	1.780	1.739	1.687
EATING PLACES..............	5.691	5.676	5.578	5.581	5.595	5.606	5.559	5.524	5.480	5.436
DRUG STORES................	2.348	2.284	2.196	2.137	2.096	2.050	1.985	1.932	1.882	1.818
ALL OTHER..................	12.200	12.144	11.843	11.824	11.738	11.714	11.658	11.614	11.529	11.502
NON-RETAIL.................	20.677	20.608	20.257	19.967	19.533	19.274	19.013	18.811	18.513	18.287

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 8.00 FINANCIAL SECTOR -- CURRENT $ (BILLIONS)

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1		MONETARY AGGREGATES										
2		WITH GROWTH RATES										
3												
4		ALABAMA										
5	ACBDSA	COMM BANK TIME & SAVINGS DEP..	7.936	8.640	9.361	10.018	11.315	13.189	15.128	17.370	19.817	22.554
6			10.1$	8.9$	8.3$	7.0$	12.9$	16.6$	14.7$	14.8$	14.1$	13.8$
7												
8	ACBDDD	COMM BANK DEPOSITS - DEMAND...	4.721	4.811	4.699	4.132	3.853	3.977	4.470	5.134	5.924	6.837
9			5.1$	1.9$	-2.3$	-12.1$	-6.7$	3.2$	12.4$	14.9$	15.4$	15.4$
10												
11	ASSLTO	SAVINGS, IN S & L...............	3.775	4.079	4.405	4.451	5.041	5.580	6.285	7.322	8.589	10.142
12			13.3$	8.1$	8.0$	1.0$	13.3$	10.7$	12.6$	16.5$	17.3$	18.1$
13												
14	AINSOL	ORDINARY LIFE INSURANCE SALES.	5.163	5.981	6.641	8.053	9.507	10.584	11.902	13.490	15.460	17.783
15			13.6$	15.9$	11.0$	21.3$	18.1$	11.3$	12.5$	13.3$	14.6$	15.0$
16		USA										
17	UFM1B	CURRENCY & DEPOSITS...........	351.458	378.883	402.708	429.500	453.500	478.500	503.500	528.200	563.400	598.400
18			8.2$	7.8$	6.3$	6.7$	5.6$	5.5$	5.2$	4.9$	6.7$	6.2$
19												
20	UFM2	UFM1B + SMALL TIME DEPOSITS...	1352.423	1472.974	1603.915	1747.300	1930.000	2098.700	2288.800	2483.700	2738.400	2975.800
21			8.9$	8.9$	8.9$	8.9$	10.5$	8.7$	9.1$	8.5$	10.3$	8.7$
22												
23	UFM3	UFM2 + LARGE TIME DEPOSITS....	1548.732	1708.824	1870.490	2090.000	2333.000	2554.000	2802.000	3056.000	3382.000	3689.000
24			11.7$	10.3$	9.5$	11.7$	11.6$	9.5$	9.7$	9.1$	10.7$	9.1$
25												
26	UFDSD	SAVINGS IN ALL INSTITUTIONS...	488.000	446.091	397.883	361.600	342.900	347.700	355.500	343.000	333.900	326.800
27			3.6$	-8.6$	-10.8$	-9.1$	-5.2$	1.4$	2.2$	-3.5$	-2.7$	-2.1$
28												
29	UFDTS	SMALL TIME DEPOSITS - ALL INST	488.366	597.316	708.816	813.100	926.100	1023.200	1118.700	1237.600	1396.800	1535.400
30			13.7$	22.3$	18.7$	14.7$	13.9$	10.5$	9.3$	10.6$	12.9$	9.9$
31												
32	UFDMMS	OUTSTANDING MONEY MKT SHARES..	7.100	26.900	69.817	133.400	193.300	229.500	284.500	341.800	403.800	467.300
33			97.2$	278.9$	159.5$	91.1$	44.9$	18.7$	24.0$	20.1$	18.1$	15.7$
34												
35	UFDTL	LARGE TIME DEPOSITS - ALL INST	172.933	205.275	234.600	286.500	323.900	359.800	400.200	442.500	496.500	548.600
36			36.1$	18.7$	14.3$	22.1$	13.1$	11.1$	11.2$	10.6$	12.2$	10.5$
37												
38		INTEREST RATES ($)										
39												
40	UFRLCD	LARGE NEGOT CD'S - ALL INST...	8.221	11.224	13.070	15.910	13.100	11.830	11.090	10.830	9.380	8.970
41												
42	UCBR	MOODY CORP BOND TOTAL..........	9.065	10.032	12.750	15.060	14.990	13.550	11.740	10.950	10.370	9.870
43												
44	UFRCP4	SHORT-TERM COMM PAPER	7.990	10.910	12.290	14.760	12.480	11.290	10.380	10.140	8.790	8.410
45												
52	UFRTCE	SMALL TIME DEP AVERAGE	6.901	9.869	11.156	13.790	12.940	12.050	11.130	10.530	9.650	9.010
53												
54	UFRTBE	PASSBK+SMALL TIME DEP AVERAGE.	6.001	7.868	9.069	11.190	11.050	10.600	10.000	9.610	8.940	8.400
55												
56	UMORTR	MORTGAGE (NEW HOUSE)...........	9.537	10.683	12.650	14.740	14.960	13.770	11.960	11.000	10.410	9.900

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 8.00 FINANCIAL SECTOR -- CURRENT $ (BILLIONS)

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1		MONETARY AGGREGATES										
2		WITH GROWTH RATES										
3												
4		ALABAMA										
5	ACBDSA	COMM BANK TIME & SAVINGS DEP..	11.315	13.189	15.128	17.370	19.817	22.554	25.605	28.913	32.428	36.528
6			12.9%	16.6%	14.7%	14.8%	14.1%	13.8%	13.5%	12.9%	12.2%	12.6%
7												
8	ACBDDD	COMM BANK DEPOSITS - DEMAND...	3.853	3.977	4.470	5.134	5.924	6.837	7.876	9.052	10.322	11.700
9			-6.7%	3.2%	12.4%	14.9%	15.4%	15.4%	15.2%	14.9%	14.0%	13.3%
10												
11	ASSLTO	SAVINGS IN S & L..............	5.041	5.580	6.285	7.322	8.589	10.142	11.890	13.770	15.811	18.299
12			13.3%	10.7%	12.6%	16.5%	17.3%	18.1%	17.2%	15.8%	14.8%	15.7%
13												
14	AINSOL	ORDINARY LIFE INSURANCE SALES.	9.507	10.584	11.902	13.490	15.460	17.783	20.537	23.813	27.594	32.002
15			18.1%	11.3%	12.5%	13.3%	14.6%	15.0%	15.5%	16.0%	15.9%	16.0%
16		USA										
17	UFM1B	CURRENCY & DEPOSITS...........	453.500	478.500	503.500	528.200	563.400	598.400	629.400	653.900	673.500	697.400
18			5.6%	5.5%	5.2%	4.9%	6.7%	6.2%	5.2%	3.9%	3.0%	3.5%
19												
20	UFM2	UFM1B + SMALL TIME DEPOSITS...	1930.000	2098.700	2288.800	2483.700	2738.400	2975.800	3230.800	3474.700	3726.300	4017.300
21			10.5%	8.7%	9.1%	8.5%	10.3%	8.7%	8.6%	7.5%	7.2%	7.8%
22												
23	UFM3	UFM2 + LARGE TIME DEPOSITS....	2333.000	2554.000	2802.000	3056.000	3382.000	3689.000	4018.000	4335.000	4663.000	5041.000
24			11.6%	9.5%	9.7%	9.1%	10.7%	9.1%	8.9%	7.9%	7.6%	8.1%
25												
26	UFDSD	SAVINGS IN ALL INSTITUTIONS...	342.900	347.700	355.500	343.000	333.900	326.800	329.500	332.700	330.000	319.200
27			-5.2%	1.4%	2.2%	-3.5%	-2.7%	-2.1%	.8%	1.0%	-.8%	-3.3%
28												
29	UFDTS	SMALL TIME DEPOSITS - ALL INST	926.100	1023.200	1118.700	1237.600	1396.800	1535.400	1683.200	1824.900	1980.700	2169.500
30			13.9%	10.5%	9.3%	10.6%	12.9%	9.9%	9.6%	8.4%	8.5%	9.5%
31												
32	UFDMMS	OUTSTANDING MONEY MKT SHARES..	193.300	229.500	284.500	341.800	403.800	467.300	533.500	600.600	672.200	753.800
33			44.9%	18.7%	24.0%	20.1%	18.1%	15.7%	14.2%	12.6%	11.9%	12.1%
34												
35	UFDTL	LARGE TIME DEPOSITS - ALL INST	323.900	359.800	400.200	442.500	496.500	548.600	604.900	660.200	718.000	784.400
36			13.1%	11.1%	11.2%	10.6%	12.2%	10.5%	10.3%	9.1%	8.8%	9.2%
37												
38		INTEREST RATES (%)										
39												
40	UFRLCD	LARGE NEGOT CD'S - ALL INST...	13.100	11.830	11.090	10.830	9.380	8.970	8.380	7.530	7.080	6.790
41												
42	UCBR	MOODY CORP BOND TOTAL.........	14.990	13.550	11.740	10.950	10.370	9.870	9.410	8.940	8.590	8.310
43												
44	UFRCP4	SHORT-TERM COMM PAPER	12.480	11.290	10.380	10.140	8.790	8.410	7.860	7.070	6.650	6.380
45												
52	UFRTCE	SMALL TIME DEP AVERAGE	12.940	12.050	11.130	10.530	9.650	9.010	8.430	7.780	7.250	6.870
53												
54	UFRTBE	PASSBK+SMALL TIME DEP AVERAGE.	11.050	10.600	10.000	9.610	8.940	8.400	7.910	7.340	6.880	6.560
55												
56	UMORTR	MORTGAGE (NEW HOUSE)..........	14.960	13.770	11.960	11.000	10.410	9.900	9.430	8.960	8.600	8.310

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 9.00 PUBLIC TAX SECTOR -- CURRENT $ (MILLIONS)
WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
ATOTTX	TOTAL ALABAMA TAX COLLECTIONS.	1599.847	1769.364	1894.031	2124.997	2227.997	2450.000	2734.696	3077.150	3446.091	3863.086
		12.0%	10.6%	7.0%	12.2%	4.8%	10.0%	11.6%	12.5%	12.0%	12.1%
APYTX	INDIVIDUAL INCOME...........	319.468	365.909	399.809	516.962	551.806	636.859	735.630	861.422	999.295	1159.967
		21.5%	14.5%	9.3%	29.3%	6.7%	15.4%	15.5%	17.1%	16.0%	16.1%
ACYTX	CORPORATE INCOME............	72.651	88.578	95.647	88.752	90.250	107.983	124.215	142.002	161.100	182.308
		6.5%	21.9%	8.0%	-7.2%	1.7%	19.6%	15.0%	14.3%	13.4%	13.2%
ASALTX	SALES.......................	444.407	491.684	516.855	531.418	557.989	620.764	697.185	785.563	881.386	986.397
		9.2%	10.6%	5.1%	2.8%	5.0%	11.3%	12.3%	12.7%	12.2%	11.9%
ASUTX	USE.........................	51.107	55.618	60.234	63.703	66.888	74.711	84.596	96.214	108.872	122.855
		6.5%	8.8%	8.3%	5.8%	5.0%	11.7%	13.2%	13.7%	13.2%	12.8%
AUTLTX	UTILITY.....................	77.086	93.962	104.933	116.371	123.586	110.968	124.810	141.315	158.276	177.818
		14.0%	21.9%	11.7%	10.9%	6.2%	-10.2%	12.5%	13.2%	12.0%	12.3%
AGASTX	GASOLINE....................	150.311	147.396	145.159	204.349	202.711	216.183	222.417	227.454	228.840	230.870
		3.9%	-1.9%	-1.5%	40.8%	-.8%	6.6%	2.9%	2.3%	.6%	.9%
AOTHTX	OTHER.......................	484.817	526.217	571.394	603.522	634.677	682.634	745.736	823.068	908.525	1002.774
		12.6%	8.5%	8.6%	5.6%	5.2%	7.6%	9.2%	10.4%	10.4%	10.4%
AFYTX	FEDERAL INCOME..............	3075.733	3582.691	4018.950	4526.341	4530.178	4614.703	5043.051	5721.051	6371.593	7111.021
		14.9%	16.5%	12.2%	12.6%	.1%	1.9%	9.3%	13.4%	11.4%	11.6%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 9.00 PUBLIC TAX SECTOR -- CURRENT $ (MILLIONS)
WITH GROWTH RATES

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2	ATOTTX	TOTAL ALABAMA TAX COLLECTIONS.	2227.997	2450.000	2734.696	3077.150	3446.091	3863.086	4338.317	4856.422	5416.679	6078.962
3			4.8%	10.0%	11.6%	12.5%	12.0%	12.1%	12.3%	11.9%	11.5%	12.2%
4												
5	APYTX	INDIVIDUAL INCOME...........	551.806	636.859	735.630	861.422	999.295	1159.967	1344.677	1549.549	1775.835	2054.301
6			6.7%	15.4%	15.5%	17.1%	16.0%	16.1%	15.9%	15.2%	14.6%	15.7%
7												
8	ACYTX	CORPORATE INCOME............	90.250	107.983	124.215	142.002	161.100	182.308	206.294	232.481	260.511	293.179
9			1.7%	19.6%	15.0%	14.3%	13.4%	13.2%	13.2%	12.7%	12.1%	12.5%
10												
11	ASALTX	SALES.......................	557.989	620.764	697.185	785.563	881.386	986.397	1105.956	1236.614	1377.470	1538.875
12			5.0%	11.3%	12.3%	12.7%	12.2%	11.9%	12.1%	11.8%	11.4%	11.7%
13												
14	ASUTX	USE.........................	66.888	74.711	84.596	96.214	108.872	122.855	138.985	156.721	175.946	198.297
15			5.0%	11.7%	13.2%	13.7%	13.2%	12.8%	13.1%	12.8%	12.3%	12.7%
16												
17	AUTLTX	UTILITY.....................	123.586	110.968	124.810	141.315	158.276	177.818	201.175	223.950	246.627	275.879
18			6.2%	-10.2%	12.5%	13.2%	12.0%	12.3%	13.1%	11.3%	10.1%	11.9%
19												
20	AGASTX	GASOLINE....................	202.711	216.183	222.417	227.454	228.840	230.870	233.780	237.493	242.701	247.589
21			-.8%	6.6%	2.9%	2.3%	.6%	.9%	1.3%	1.6%	2.2%	2.0%
22												
23	AOTHTX	OTHER.......................	634.677	682.634	745.736	823.068	906.523	1002.774	1107.304	1219.488	1337.505	1470.669
24			5.2%	7.6%	9.2%	10.4%	10.4%	10.4%	10.4%	10.1%	9.7%	10.0%
25												
26												
27	AFYTX	FEDERAL INCOME..............	4530.178	4614.703	5043.051	5721.051	6371.593	7111.021	7935.461	8743.455	9568.257	10569.746
28			.1%	1.9%	9.3%	13.4%	11.4%	11.6%	11.6%	10.2%	9.4%	10.5%
29												

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 10.00 ENERGY SECTOR -- CONSUMPTION BY MAJOR SOURCE
WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	ALL SOURCES -- QUADRILLION BTU										
UTLECB	US TOTAL........................	78.161	78.961	80.274	82.713	82.391	84.606	87.782	90.643	92.519	95.093
		2.4%	1.0%	1.7%	3.0%	-.4%	2.7%	3.8%	3.3%	2.1%	2.8%
A2GTTB	ALABAMA TOTAL...................	1.750	1.749	1.733	1.748	1.730	1.767	1.839	1.932	2.023	2.126
		3.5%	-.1%	-.9%	.9%	-1.0%	2.1%	4.1%	5.0%	4.7%	5.1%
	ELECTRICITY -- BILLION KWH										
ATOEPP	TOTAL...........................	49.518	50.205	50.246	48.401	47.414	46.325	48.586	51.299	53.832	56.683
		4.0%	1.4%	.1%	-3.7%	-2.0%	-2.3%	4.9%	5.6%	4.9%	5.3%
A2REPP	RESIDENTIAL...................	15.739	15.029	16.272	15.556	15.027	14.533	15.008	15.502	16.097	16.659
		3.2%	-4.5%	8.3%	-4.4%	-3.4%	-3.3%	3.3%	3.3%	3.8%	3.5%
A2CEPP	COMMERCIAL....................	6.821	6.737	7.054	6.786	7.305	7.538	7.920	8.430	9.050	9.783
		2.3%	-1.2%	4.7%	-3.8%	7.6%	3.2%	5.1%	6.4%	7.4%	8.1%
A2IEPP	INDUSTRIAL....................	26.958	28.439	26.920	26.059	25.082	24.253	25.658	27.366	28.685	30.240
		4.8%	5.5%	-5.3%	-3.2%	-3.7%	-3.3%	5.8%	6.7%	4.8%	5.4%
	NATURAL GAS--TRILLION CUBIC FT										
ATONGP	TOTAL...........................	219.404	264.000	271.656	234.807	213.654	204.462	201.313	200.746	198.896	196.835
		-3.5%	20.3%	2.9%	-13.6%	-9.0%	-4.3%	-1.5%	-.3%	-.9%	-1.0%
A2RNGP	RESIDENTIAL...................	56.957	53.000	51.516	51.557	51.344	51.530	51.758	52.027	51.919	51.776
		.8%	-6.9%	-2.8%	.1%	-.4%	.4%	.4%	.5%	-.2%	-.3%
A2CNGP	COMMERCIAL....................	29.649	37.000	38.036	32.357	30.811	30.150	29.706	29.272	28.744	28.200
		-13.6%	24.8%	2.8%	-14.9%	-4.8%	-2.1%	-1.5%	-1.5%	-1.8%	-1.9%
A2INGP	INDUSTRIAL....................	132.798	174.000	183.222	150.893	131.499	122.782	119.850	119.447	118.233	116.859
		-2.7%	31.0%	5.3%	-17.6%	-12.9%	-6.6%	-2.4%	-.3%	-1.0%	-1.2%
A2GCLP	COAL -- MILLION SHORT TONS....	25.009	27.400	27.592	27.696	27.602	27.255	27.358	27.841	28.539	29.384
		-4.7%	9.6%	.7%	.4%	-.3%	-1.3%	.4%	1.8%	2.5%	3.0%
AGCPC	GASOLINE (PER CAP) -- GALLONS.	585.080	555.506	503.181	471.499	474.133	486.231	493.156	496.814	497.236	499.118
		2.9%	-5.1%	-9.4%	-6.3%	.6%	2.6%	1.4%	.7%	.1%	.4%

TAB. 10.00 ENERGY SECTOR -- CONSUMPTION BY MAJOR SOURCE WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	ALL SOURCES -- QUADRILLION BTU										
UTLECB	US TOTAL........................	82.391	84.606	87.782	90.643	92.519	95.093	97.963	100.402	102.239	104.861
		-.4%	2.7%	3.8%	3.3%	2.1%	2.8%	3.0%	2.5%	1.8%	2.6%
A2GTTB	ALABAMA TOTAL...................	1.730	1.767	1.839	1.932	2.023	2.126	2.245	2.371	2.497	2.641
		-1.0%	2.1%	4.1%	5.0%	4.7%	5.1%	5.6%	5.6%	5.3%	5.8%
	ELECTRICITY -- BILLION KWH										
ATOEPP	TOTAL...........................	47.414	46.325	48.586	51.299	53.832	56.683	60.073	63.007	65.644	69.238
		-2.0%	-2.3%	4.9%	5.6%	4.9%	5.3%	6.0%	4.9%	4.2%	5.5%
A2REPP	RESIDENTIAL.................	15.027	14.533	15.008	15.502	16.097	16.659	17.735	18.509	19.273	20.318
		-3.4%	-3.3%	3.3%	3.3%	3.8%	3.5%	6.5%	4.4%	4.1%	5.4%
A2CEPP	COMMERCIAL..................	7.305	7.538	7.920	8.430	9.050	9.783	10.609	11.436	12.266	13.316
		7.6%	3.2%	5.1%	6.4%	7.4%	8.1%	8.4%	7.8%	7.3%	8.6%
A2IEPP	INDUSTRIAL..................	25.082	24.253	25.658	27.366	28.685	30.240	31.729	33.062	34.105	35.604
		-3.7%	-3.3%	5.8%	6.7%	4.8%	5.4%	4.9%	4.2%	3.2%	4.4%
	NATURAL GAS--TRILLION CUBIC FT										
ATONGP	TOTAL...........................	213.654	204.462	201.313	200.746	198.896	196.895	197.756	199.575	201.188	203.454
		-9.0%	-4.3%	-1.5%	-.3%	-.9%	-1.0%	.5%	.9%	.8%	1.1%
A2RNGP	RESIDENTIAL.................	51.344	51.530	51.758	52.027	51.919	51.776	52.226	52.845	53.449	54.214
		-.4%	.4%	.4%	.5%	-.2%	-.3%	.9%	1.2%	1.1%	1.4%
A2CNGP	COMMERCIAL..................	30.811	30.150	29.706	29.272	28.744	28.200	27.877	27.616	27.367	27.123
		-4.8%	-2.1%	-1.5%	-1.5%	-1.8%	-1.9%	-1.1%	-.9%	-.9%	-.9%
A2INGP	INDUSTRIAL..................	131.499	122.782	119.850	119.447	118.233	116.859	117.652	119.114	120.372	122.118
		-12.9%	-6.6%	-2.4%	-.3%	-1.0%	-1.2%	.7%	1.2%	1.1%	1.5%
A2GCLP	COAL -- MILLION SHORT TONS....	27.602	27.255	27.358	27.841	28.539	29.384	30.353	31.338	32.276	33.293
		-.3%	-1.3%	.4%	1.8%	2.5%	3.0%	3.3%	3.2%	3.0%	3.2%
AGCPC	GASOLINE (PER CAP) -- GALLONS.	474.133	486.231	493.156	496.814	497.236	499.118	502.896	508.359	514.294	521.829
		.6%	2.6%	1.4%	.7%	.1%	.4%	.8%	1.1%	1.2%	1.5%

TAB. 10,10 ENERGY SECTOR - CATEGORIES AS A RATIO TO REAL GROSS PRODUCT WITH GROWTH RATES

LABEL	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
ALL SOURCES										
ALA. TOTAL CONSUMPTION TO GSP.	9,097	8,884	9,023	9,314	9,421	9,248	9,141	9,092	9,106	9,086
	-1,5%	-2,3%	1,6%	3,2%	1,2%	-1,8%	-1,2%	-,5%	,2%	-,2%
U.S. TOTAL CONSUMPTION TO GNP.	5,440	5,324	5,421	5,505	5,557	5,493	5,451	5,434	5,436	5,405
	-2,3%	-2,1%	1,8%	1,5%	1,0%	-1,2%	-,8%	-,3%	,0%	-,6%
ELECTRICITY										
TOTAL ALA. CONSUMPTION TO GSP.	257,357	255,042	261,588	257,836	258,181	242,528	241,463	241,460	242,310	242,268
	-1,1%	-,9%	2,6%	-1,4%	,1%	-6,1%	-,4%	-,0%	,4%	-,0%
RESIDENTIAL....................	81,799	76,347	84,714	82,868	81,826	76,088	74,586	72,969	72,456	71,202
	-1,8%	-6,7%	11,0%	-2,2%	-1,3%	-7,0%	-2,0%	-2,2%	-,7%	-1,7%
COMMERCIAL....................	35,450	34,224	36,722	36,150	39,778	39,467	39,362	39,680	40,737	41,815
	-2,6%	-3,5%	7,3%	-1,6%	10,0%	-,8%	-,3%	,8%	2,7%	2,6%
INDUSTRIAL....................	140,107	144,470	140,152	138,818	136,578	126,973	127,515	128,812	129,118	129,251
	-7,3%	3,1%	-3,0%	-1,0%	-1,6%	-7,0%	,4%	1,0%	,2%	,1%
NATURAL GAS										
TOTAL ALA. CONSUMPTION TO GSP.	1140,294	1341,123	1414,286	1250,837	1163,401	1070,431	1000,491	944,904	895,282	841,295
	-8,2%	17,6%	5,5%	-11,6%	-7,0%	-8,0%	-6,5%	-5,6%	-5,3%	-6,0%
RESIDENTIAL....................	296,019	269,241	268,201	274,651	279,580	269,778	257,227	244,890	233,701	221,294
	-4,1%	-9,0%	-,4%	2,4%	1,8%	-3,5%	-4,7%	-4,8%	-4,6%	-5,3%
COMMERCIAL....................	154,093	187,960	198,022	172,369	167,775	157,844	147,632	137,783	129,386	120,531
	-17,8%	22,0%	5,4%	-13,0%	-2,7%	-5,9%	-6,5%	-6,7%	-6,1%	-6,8%
INDUSTRIAL....................	690,182	883,922	953,884	803,817	716,046	642,810	595,633	562,231	532,195	499,469
	-7,4%	28,1%	7,9%	-15,7%	-10,9%	-10,2%	-7,3%	-5,6%	-5,3%	-6,1%
COAL CONSUMPTION TO GSP........	129,978	139,192	143,647	147,539	150,297	142,690	135,963	131,044	128,460	125,590
	-9,3%	7,1%	3,2%	2,7%	1,9%	-5,1%	-4,7%	-3,6%	-2,0%	-2,2%

TAB. 10.10 ENERGY SECTOR - CATEGORIES AS A RATIO TO REAL GROSS PRODUCT
WITH GROWTH RATES

LABEL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
ALL SOURCES										
ALA. TOTAL CONSUMPTION TO GSP.	9,421	9,248	9,141	9,092	9,106	9,086	9,060	9,056	9,069	9,045
	1,2%	-1,8%	-1,2%	-,5%	,2%	-,2%	-,3%	-,0%	,1%	-,3%
U.S. TOTAL CONSUMPTION TO GNP.	5,557	5,493	5,451	5,434	5,436	5,405	5,381	5,370	5,366	5,338
	1,0%	-1,2%	-,8%	-,3%	,0%	-,6%	-,5%	-,2%	-,1%	-,5%
ELECTRICITY										
TOTAL ALA. CONSUMPTION TO GSP.	258,181	242,528	241,463	241,460	242,310	242,268	242,476	240,699	238,453	237,154
	,1%	-6,1%	-,4%	-,0%	,4%	-,0%	,1%	-,7%	-,9%	-,5%
RESIDENTIAL..................	81,826	76,088	74,586	72,969	72,456	71,202	71,583	70,707	70,009	69,594
	-1,3%	-7,0%	-2,0%	-2,2%	-,7%	-1,7%	,5%	-1,2%	-1,0%	-,6%
COMMERCIAL...................	39,778	39,467	39,362	39,680	40,737	41,815	42,823	43,686	44,558	45,609
	10,0%	-,8%	-,3%	,8%	2,7%	2,6%	2,4%	2,0%	2,0%	2,4%
INDUSTRIAL...................	136,578	126,973	127,515	128,812	129,118	129,251	128,070	126,305	123,886	121,951
	-1,6%	-7,0%	,4%	1,0%	,2%	,1%	-,9%	-1,4%	-1,9%	-1,6%
NATURAL GAS										
TOTAL ALA. CONSUMPTION TO GSP.	1163,401	1070,431	1000,491	944,904	895,282	841,295	798,211	762,419	730,817	696,867
	-7,0%	-8,0%	-6,5%	-5,6%	-5,3%	-6,0%	-5,1%	-4,5%	-4,1%	-4,6%
RESIDENTIAL..................	279,580	269,778	257,227	244,890	233,701	221,294	210,804	201,878	194,153	185,693
	1,8%	-3,5%	-4,7%	-4,8%	-4,6%	-5,3%	-4,7%	-4,2%	-3,8%	-4,4%
COMMERCIAL...................	167,775	157,844	147,632	137,783	129,386	120,531	112,522	105,499	99,412	92,900
	-2,7%	-5,9%	-6,5%	-6,7%	-6,1%	-6,8%	-6,6%	-6,2%	-5,8%	-6,6%
INDUSTRIAL...................	716,046	642,810	595,633	562,231	532,195	499,469	474,885	455,042	437,251	418,274
	-10,9%	-10,2%	-7,3%	-5,6%	-5,3%	-6,1%	-4,9%	-4,2%	-3,9%	-4,3%
COAL CONSUMPTION TO GSP.......	150,297	142,690	135,963	131,044	128,460	125,590	122,516	119,716	117,242	114,035
	1,9%	-5,1%	-4,7%	-3,6%	-2,0%	-2,2%	-2,4%	-2,3%	-2,1%	-2,7%

TAB. 11.00 ALABAMA CAPITAL INVESTMENT -- CONSTANT 72$ (MILLIONS) WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
ARKXTX	TEXTILES........................	41.457	41.504	41.082	36.604	36.091	36.561	38.206	40.001	39.801	41.473
		-13.8%	.1%	-1.0%	-10.9%	-1.4%	1.3%	4.5%	4.7%	-.5%	4.2%
ARKXPA	PAPER...........................	128.776	134.836	140.895	128.778	125.687	128.075	140.883	148.209	144.059	151.406
		-19.1%	4.7%	4.5%	-8.6%	-2.4%	1.9%	10.0%	5.2%	-2.8%	5.1%
ARKXPT	PRINTING........................	8.269	8.505	8.744	8.604	8.759	8.925	9.478	9.829	9.642	9.932
		-21.6%	2.9%	2.8%	-1.6%	1.8%	1.9%	6.2%	3.7%	-1.9%	3.0%
ARKXCH	CHEMICALS.......................	173.289	203.268	217.903	217.467	215.292	219.814	229.485	240.960	249.634	261.367
		-3.6%	17.3%	7.2%	-.2%	-1.0%	2.1%	4.4%	5.0%	3.6%	4.7%
ARKXRB	RUBBER..........................	39.495	37.559	27.456	25.973	26.363	27.470	29.530	31.273	32.086	33.401
		18.0%	-4.9%	-26.9%	-5.4%	1.5%	4.2%	7.5%	5.9%	2.6%	4.1%
ARKXLU	LUMBER..........................	27.740	28.183	32.016	28.559	26.331	28.253	30.683	33.475	32.504	34.422
		-16.0%	1.6%	13.6%	-10.8%	-7.8%	7.3%	8.6%	9.1%	-2.9%	5.9%
ARKXPM	PRIMARY METALS..................	148.304	160.761	158.029	153.920	140.067	131.803	140.370	146.406	143.332	151.072
		-2.2%	8.4%	-1.7%	-2.6%	-9.0%	-5.9%	6.5%	4.3%	-2.1%	5.4%
ARKXFP	FABRICATED METALS...............	31.796	31.001	27.591	25.521	23.888	25.154	27.292	29.011	29.592	31.663
		7.2%	-2.5%	-11.0%	-7.5%	-6.4%	5.3%	8.5%	6.3%	2.0%	7.0%
ARKXEL	ELECTRICAL MACHINERY............	18.264	19.113	19.963	19.843	18.454	18.417	19.301	19.745	18.975	20.038
		-8.7%	4.7%	4.4%	-.6%	-7.0%	-.2%	4.8%	2.3%	-3.9%	5.6%
ARKXAT	ALL TRANS EQUIP.................	37.968	43.850	47.818	24.244	48.318	53.875	61.794	70.878	77.470	85.992
		22.0%	15.5%	9.1%	-49.3%	99.3%	11.5%	14.7%	14.7%	9.3%	11.0%
ARKXSC	STONE, CLAY, GLASS..............	113.725	133.058	118.289	89.900	85.225	87.185	93.549	99.162	95.593	97.696
		28.3%	17.0%	-11.1%	-24.0%	-5.2%	2.3%	7.3%	6.0%	-3.6%	2.2%
ARKXOD	OTHER DURABLE MANUFACTURING...	33.799	40.154	44.008	50.434	50.686	51.598	56.242	59.616	59.199	62.159
		8.0%	18.8%	9.6%	14.6%	.5%	1.8%	9.0%	6.0%	-.7%	5.0%

TAB. 11.00 ALABAMA CAPITAL INVESTMENT -- CONSTANT 72$ (MILLIONS)
WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
ARKXTX	TEXTILES......................	36.091	36.561	38.206	40.001	39.801	41.473	43.174	44.857	45.440	47.349
		-1.4%	1.3%	4.5%	4.7%	-.5%	4.2%	4.1%	3.9%	1.3%	4.2%
ARKXPA	PAPER.........................	125.687	128.075	140.883	148.209	144.059	151.406	158.068	164.865	170.140	178.477
		-2.4%	1.9%	10.0%	5.2%	-2.8%	5.1%	4.4%	4.3%	3.2%	4.9%
ARKXPT	PRINTING......................	8.759	8.925	9.478	9.829	9.642	9.932	10.269	10.526	10.631	10.929
		1.8%	1.9%	6.2%	3.7%	-1.9%	3.0%	3.4%	2.5%	1.0%	2.8%
ARKXCH	CHEMICALS.....................	215.292	219.814	229.485	240.960	249.634	261.367	273.128	282.961	290.035	303.087
		-1.0%	2.1%	4.4%	5.0%	3.6%	4.7%	4.5%	3.6%	2.5%	4.5%
ARKXRB	RUBBER........................	26.363	27.470	29.530	31.273	32.086	33.401	34.637	36.230	36.991	38.841
		1.5%	4.2%	7.5%	5.9%	2.6%	4.1%	3.7%	4.6%	2.1%	5.0%
ARKXLU	LUMBER........................	26.331	28.253	30.683	33.475	32.504	34.422	37.382	39.214	41.057	42.782
		-7.8%	7.3%	8.6%	9.1%	-2.9%	5.9%	8.6%	4.9%	4.7%	4.2%
ARKXPM	PRIMARY METALS................	140.067	131.803	140.370	146.406	143.332	151.072	155.906	159.336	165.231	171.014
		-9.0%	-5.9%	6.5%	4.3%	-2.1%	5.4%	3.2%	2.2%	3.7%	3.5%
ARKXFP	FABRICATED METALS.............	23.888	25.154	27.292	29.011	29.592	31.663	33.183	34.908	36.898	39.592
		-6.4%	5.3%	8.5%	6.3%	2.0%	7.0%	4.8%	5.2%	5.7%	7.3%
ARKXEL	ELECTRICAL MACHINERY..........	18.454	18.417	19.301	19.745	18.975	20.038	21.080	22.071	22.291	22.759
		-7.0%	-.2%	4.8%	2.3%	-3.9%	5.6%	5.2%	4.7%	1.0%	2.1%
ARKXAT	ALL TRANS EQUIP...............	48.318	53.875	61.794	70.878	77.470	85.992	96.053	105.850	114.318	125.750
		99.3%	11.5%	14.7%	14.7%	9.3%	11.0%	11.7%	10.2%	8.0%	10.0%
ARKXSC	STONE, CLAY, GLASS............	85.225	87.185	93.549	99.162	95.593	97.696	100.724	105.861	111.260	117.713
		-5.2%	2.3%	7.3%	6.0%	-3.6%	2.2%	3.1%	5.1%	5.1%	5.8%
ARKXOD	OTHER DURABLE MANUFACTURING...	50.686	51.598	56.242	59.616	59.199	62.159	65.453	68.333	69.358	71.439
		.5%	1.8%	9.0%	6.0%	-.7%	5.0%	5.3%	4.4%	1.5%	3.0%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 12.00 U.S. OUTPUT -- CONSTANT 72$ (BILLIONS)

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
URGNP	GROSS NATIONAL PRODUCT........	1436.900	1483.000	1480.700	1502.600	1482.600	1540.300	1610.500	1668.100	1702.100	1759.200
	NONDURABLE MANUFACTURING										
UFDBRP	FOOD AND BEVERAGES..........	30.976	32.540	34.292	34.800	34.500	35.700	36.700	37.500	38.100	[illegible]
UTEXRP	TEXTILES.....................	11.072	11.253	10.553	10.500	9.900	10.700	11.400	11.900	12.100	12.400
UAPRRP	APPAREL......................	12.247	12.501	12.477	11.500	11.300	12.200	13.000	13.500	13.700	14.100
UPAPRP	PAPER........................	13.290	13.674	12.895	13.100	12.100	12.700	13.200	13.800	14.200	14.500
UPRTRP	PRINTING, PUBLISHING........	16.438	16.833	17.385	17.800	16.800	17.400	18.000	18.600	19.100	19.700
UCHMRP	CHEMICALS...................	28.440	30.018	29.066	29.800	27.400	28.800	30.300	31.700	32.800	33.900
URUBRP	RUBBER......................	11.866	11.955	10.736	11.800	11.000	11.700	12.600	13.200	13.500	14.100
	DURABLE MANUFACTURING										
ULUMRP	LUMBER......................	11.005	11.256	10.016	11.200	10.800	12.200	13.300	14.200	13.900	14.500
UFURRP	FURNITURE...................	5.519	5.689	5.483	5.700	5.300	5.500	5.900	6.100	6.100	6.300
UPMTRP	PRIMARY METALS..............	21.976	22.822	19.558	19.800	17.600	18.900	19.700	20.600	21.300	21.500
UFMTRP	FABRICATED METALS...........	24.460	25.846	24.118	23.900	22.200	23.400	25.000	26.200	26.600	27.700
UNEMRP	NONELECTRICAL MACHINERY.....	40.932	43.834	43.405	46.200	41.500	42.500	45.600	47.800	49.000	51.100
UEMARP	ELECTRICAL MACHINERY........	35.353	37.758	38.055	39.400	34.300	35.900	37.900	39.700	40.400	41.800
UMTVRP	MOTOR VEHICLES..............	34.386	30.616	22.681	23.800	22.300	24.800	27.200	28.500	28.200	30.000
UNOMRP	NONAUTO TRANS EQUIP.........	21.385	22.647	22.892	22.400	22.000	24.200	26.000	27.600	28.800	30.000
USCGRP	STONE, CLAY, GLASS..........	11.091	11.316	10.502	10.700	9.900	10.400	11.100	11.700	11.700	12.200
UODRP	OTHER DURABLE...............	11.288	11.714	11.975	12.400	11.700	11.900	12.500	12.900	13.200	13.600
UTRRDP	TRADE.......................	242.111	248.114	242.972	250.400	246.700	257.700	270.100	280.400	283.900	294.900
USVRDP	SERVICES....................	171.191	178.569	183.512	196.700	194.100	200.000	206.800	213.300	219.100	226.300
UFIRDP	FINANCE, INSUR, REAL ESTATE...	218.873	227.475	236.437	243.600	243.800	251.500	260.700	269.600	279.200	290.200
UTURDP	TRANS, COMM, PUB UTIL........	134.333	141.068	143.980	142.100	136.100	141.400	149.000	154.900	159.600	166.600
UGRDP	GOVERNMENT..................	172.263	174.867	176.317	178.100	191.100	190.300	194.300	196.600	197.900	200.000

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 12.00 U.S. OUTPUT -- CONSTANT 72$ (BILLIONS)

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
URGNP	GROSS NATIONAL PRODUCT........	1482.600	1540.300	1610.500	1668.100	1702.100	1759.200	1820.700	1869.700	1905.300	1964.600
	NONDURABLE MANUFACTURING										
UFDBRP	FOOD AND BEVERAGES..........	34.500	35.700	36.700	37.500	38.100	39.000	40.100	41.100	41.900	42.800
UTEXRP	TEXTILES....................	9.900	10.700	11.400	11.900	12.100	12.400	12.800	13.100	13.200	13.500
UAPRRP	APPAREL.....................	11.300	12.200	13.000	13.500	13.700	14.100	14.600	14.900	15.200	15.600
UPAPRP	PAPER.......................	12.100	12.700	13.200	13.800	14.200	14.500	14.900	15.200	15.500	15.900
UPRTRP	PRINTING, PUBLISHING........	16.800	17.400	18.000	18.600	19.100	19.700	20.400	21.000	21.500	22.100
UCHMRP	CHEMICALS...................	27.400	28.800	30.300	31.700	32.800	33.900	35.100	36.000	36.700	37.800
URUBRP	RUBBER......................	11.000	11.700	12.600	13.200	13.500	14.100	14.700	15.100	15.400	15.900
	DURABLE MANUFACTURING										
ULUMRP	LUMBER......................	10.800	12.200	13.300	14.200	13.900	14.500	15.400	15.400	14.900	15.600
UFURRP	FURNITURE...................	5.300	5.500	5.900	6.100	6.100	6.300	6.600	6.800	6.800	7.100
UPMTRP	PRIMARY METALS..............	17.600	18.900	19.700	20.600	21.300	21.500	21.800	21.900	21.600	22.000
UFMTRP	FABRICATED METALS...........	22.200	23.400	25.000	26.200	26.600	27.700	28.800	29.500	29.700	30.700
UNEMRP	NONELECTRICAL MACHINERY.....	41.500	42.500	45.600	47.800	49.000	51.100	53.000	54.500	55.000	56.600
UEMARP	ELECTRICAL MACHINERY........	34.300	35.900	37.900	39.700	40.400	41.800	43.400	44.500	44.900	46.300
UMTVRP	MOTOR VEHICLES..............	22.300	24.800	27.200	28.500	28.200	30.000	31.400	32.800	33.200	34.900
UNOMRP	NONAUTO TRANS EQUIP.........	22.000	24.200	26.000	27.600	28.800	30.000	31.200	32.000	32.400	33.500
USCGRP	STONE, CLAY, GLASS..........	9.900	10.400	11.100	11.700	11.700	12.200	12.700	12.900	12.900	13.300
UODRP	OTHER DURABLE...............	11.700	11.900	12.500	12.900	13.200	13.600	14.100	14.400	14.600	15.000
UTRRDP	TRADE.......................	246.700	257.700	270.100	280.400	283.900	294.900	305.900	314.900	321.200	331.000
USVRDP	SERVICES....................	194.100	200.000	206.800	213.300	219.100	226.300	234.000	240.800	246.900	253.800
UFIRDP	FINANCE, INSUR, REAL ESTATE...	243.800	251.500	260.700	269.600	279.200	290.200	301.700	312.300	322.400	333.900
UTURDP	TRANS, COMM, PUB UTIL.........	136.100	141.400	149.000	154.900	159.600	166.600	174.000	181.100	186.700	194.300
UGRDP	GOVERNMENT..................	191.100	190.300	194.300	196.600	197.900	200.000	202.500	205.000	207.600	211.500

TAB. 12.01 U.S. OUTPUT -- GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
URGNP	GROSS NATIONAL PRODUCT........	4.8%	3.2%	-.2%	1.5%	-1.3%	3.9%	4.6%	3.6%	2.0%	3.4%
	NONDURABLE MANUFACTURING										
UFDBRP	FOOD AND BEVERAGES..........	-.1%	5.0%	5.4%	1.5%	-.9%	3.5%	2.8%	2.2%	1.6%	2.4%
UTEXRP	TEXTILES.....................	1.2%	1.6%	-6.2%	-.5%	-5.7%	8.1%	6.5%	4.4%	1.7%	2.5%
UAPRRP	APPAREL......................	5.9%	2.1%	-.2%	-7.8%	-1.7%	8.0%	6.6%	3.8%	1.5%	2.9%
UPAPRP	PAPER........................	2.2%	2.9%	-5.7%	1.6%	-7.6%	5.0%	3.9%	4.5%	2.9%	2.1%
UPRTRP	PRINTING, PUBLISHING........	3.9%	2.4%	3.3%	2.4%	-5.6%	3.6%	3.4%	3.3%	2.7%	3.1%
UCHMRP	CHEMICALS....................	3.3%	5.5%	-3.2%	2.5%	-8.1%	5.1%	5.2%	4.6%	3.5%	3.4%
URUBRP	RUBBER.......................	5.6%	.8%	-10.2%	9.9%	-6.8%	6.4%	7.7%	4.8%	2.3%	4.4%
	DURABLE MANUFACTURING										
ULUMRP	LUMBER.......................	1.4%	2.3%	-11.0%	11.8%	-3.6%	13.0%	9.0%	6.8%	-2.1%	4.3%
UFURRP	FURNITURE....................	9.2%	3.1%	-3.6%	4.0%	-7.0%	3.8%	7.3%	3.4%	.0%	3.3%
UPMTRP	PRIMARY METALS..............	9.1%	3.8%	-14.3%	1.2%	-11.1%	7.4%	4.2%	4.6%	3.4%	.9%
UFMTRP	FABRICATED METALS...........	4.4%	5.7%	-6.7%	-.9%	-7.1%	5.4%	6.8%	4.8%	1.5%	4.1%
UNEMRP	NONELECTRICAL MACHINERY.....	7.9%	7.1%	-1.0%	6.4%	-10.2%	2.4%	7.3%	4.8%	2.5%	4.3%
UEMARP	ELECTRICAL MACHINERY........	13.6%	6.8%	.8%	3.5%	-12.9%	4.7%	5.6%	4.7%	1.8%	3.5%
UMTVRP	MOTOR VEHICLES..............	3.0%	-11.0%	-25.9%	4.9%	-6.3%	11.2%	9.7%	4.8%	-1.1%	6.4%
UNOMRP	NONAUTO TRANS EQUIP.........	5.1%	5.9%	1.1%	-2.1%	-1.8%	10.0%	7.4%	6.2%	4.3%	4.2%
USCGRP	STONE, CLAY, GLASS..........	9.2%	2.0%	-7.2%	1.9%	-7.5%	5.1%	6.7%	5.4%	.0%	4.3%
UODRP	OTHER DURABLE...............	7.9%	3.8%	2.2%	3.5%	-5.6%	1.7%	5.0%	3.2%	2.3%	3.0%
UTRRDP	TRADE........................	4.9%	2.5%	-2.1%	3.1%	-1.5%	4.5%	4.8%	3.8%	1.2%	3.9%
USVRDP	SERVICES.....................	5.4%	4.3%	2.8%	7.2%	-1.3%	3.0%	3.4%	3.1%	2.7%	3.3%
UFIRDP	FINANCE, INSUR, REAL ESTATE...	4.8%	3.9%	3.9%	3.0%	.1%	3.2%	3.7%	3.4%	3.6%	3.9%
UTURDP	TRANS, COMM, PUB UTIL.........	7.3%	5.0%	2.1%	-1.3%	-4.2%	3.9%	5.4%	4.0%	3.0%	4.4%
UGRDP	GOVERNMENT....................	2.5%	1.5%	.8%	1.0%	7.3%	-.4%	2.1%	1.2%	.7%	1.1%

TAB. 12.01 U.S. OUTPUT -- GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
URGNP	GROSS NATIONAL PRODUCT........	-1.3%	3.9%	4.6%	3.6%	2.0%	3.4%	3.5%	2.7%	1.9%	3.1%
	NONDURABLE MANUFACTURING										
UFDBRP	FOOD AND BEVERAGES..........	-.9%	3.5%	2.8%	2.2%	1.6%	2.4%	2.8%	2.5%	1.9%	2.1%
UTEXRP	TEXTILES....................	-5.7%	8.1%	6.5%	4.4%	1.7%	2.5%	3.2%	2.3%	.8%	2.3%
UAPRRP	APPAREL.....................	-1.7%	8.0%	6.6%	3.8%	1.5%	2.9%	3.5%	2.1%	2.0%	2.6%
UPAPRP	PAPER.......................	-7.6%	5.0%	3.9%	4.5%	2.9%	2.1%	2.8%	2.0%	2.0%	2.6%
UPRTRP	PRINTING, PUBLISHING........	-5.6%	3.6%	3.4%	3.3%	2.7%	3.1%	3.6%	2.9%	2.4%	2.8%
UCHMRP	CHEMICALS...................	-8.1%	5.1%	5.2%	4.6%	3.5%	3.4%	3.5%	2.6%	1.9%	3.0%
URUBRP	RUBBER......................	-6.8%	6.4%	7.7%	4.9%	2.3%	4.4%	4.3%	2.7%	2.0%	3.2%
	DURABLE MANUFACTURING										
ULUMRP	LUMBER......................	-3.6%	13.0%	9.0%	6.8%	-2.1%	4.3%	6.2%	.0%	-3.2%	4.7%
UFURRP	FURNITURE...................	-7.0%	3.8%	7.3%	3.4%	.0%	3.3%	4.8%	3.0%	.0%	4.4%
UPMTRP	PRIMARY METALS..............	-11.1%	7.4%	4.2%	4.6%	3.4%	.9%	1.4%	.5%	-1.4%	1.9%
UFMTRP	FABRICATED METALS...........	-7.1%	5.4%	6.8%	4.8%	1.5%	4.1%	4.0%	2.4%	.7%	3.4%
UNEMRP	NONELECTRICAL MACHINERY.....	-10.2%	2.4%	7.3%	4.8%	2.5%	4.3%	3.7%	2.8%	.9%	2.9%
UEMARP	ELECTRICAL MACHINERY........	-12.9%	4.7%	5.6%	4.7%	1.8%	3.5%	3.8%	2.5%	.9%	3.1%
UMTVRP	MOTOR VEHICLES..............	-6.3%	11.2%	9.7%	4.8%	-1.1%	6.4%	4.7%	4.5%	1.2%	5.1%
UNOMRP	NONAUTO TRANS EQUIP.........	-1.8%	10.0%	7.4%	6.2%	4.3%	4.2%	4.0%	2.6%	1.3%	3.4%
USCGRP	STONE, CLAY, GLASS..........	-7.5%	5.1%	6.7%	5.4%	.0%	4.3%	4.1%	1.6%	.0%	3.1%
UODRP	OTHER DURABLE...............	-5.6%	1.7%	5.0%	3.2%	2.3%	3.0%	3.7%	2.1%	1.4%	2.7%
UTRRDP	TRADE.......................	-1.5%	4.5%	4.8%	3.8%	1.2%	3.9%	3.7%	2.9%	2.0%	3.1%
USVRDP	SERVICES....................	-1.3%	3.0%	3.4%	3.1%	2.7%	3.3%	3.4%	2.9%	2.5%	2.8%
UFIRDP	FINANCE, INSUR, REAL ESTATE...	.1%	3.2%	3.7%	3.4%	3.6%	3.9%	4.0%	3.5%	3.2%	3.6%
UTURDP	TRANS, COMM, PUB UTIL.........	-4.2%	3.9%	5.4%	4.0%	3.0%	4.4%	4.4%	4.1%	3.1%	4.1%
UGRDP	GOVERNMENT....................	7.3%	-.4%	2.1%	1.2%	.7%	1.1%	1.3%	1.2%	1.3%	1.9%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA

TAB. 12.10 U.S. OUTPUT -- INDUSTRY SHARE OF TOTAL (%)

	LABEL	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1											
2	GROSS NATIONAL PRODUCT........	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
3											
4	NONDURABLE MANUFACTURING										
5	FOOD AND BEVERAGES..........	2.156	2.194	2.316	2.316	2.327	2.318	2.279	2.248	2.238	2.217
6											
7	TEXTILES....................	.771	.759	.713	.699	.668	.695	.708	.713	.711	.705
8											
9	APPAREL.....................	.852	.843	.843	.765	.762	.792	.807	.809	.805	.802
10											
11	PAPER.......................	.925	.922	.871	.872	.816	.825	.820	.827	.834	.824
12											
13	PRINTING, PUBLISHING........	1.144	1.135	1.174	1.185	1.133	1.130	1.118	1.115	1.122	1.120
14											
15	CHEMICALS...................	1.979	2.024	1.963	1.983	1.848	1.870	1.881	1.900	1.927	1.927
16											
17	RUBBER......................	.826	.806	.725	.785	.742	.760	.782	.791	.793	.802
18											
19	DURABLE MANUFACTURING										
20	LUMBER......................	.766	.759	.676	.745	.728	.792	.826	.851	.817	.824
21											
22	FURNITURE...................	.384	.384	.370	.379	.357	.357	.366	.366	.358	.358
23											
24	PRIMARY METALS..............	1.529	1.539	1.321	1.318	1.187	1.227	1.223	1.235	1.251	1.222
25											
26	FABRICATED METALS...........	1.702	1.743	1.629	1.591	1.497	1.519	1.552	1.571	1.563	1.575
27											
28	NONELECTRICAL MACHINERY.....	2.849	2.956	2.931	3.075	2.799	2.759	2.831	2.866	2.879	2.905
29											
30	ELECTRICAL MACHINERY........	2.460	2.546	2.570	2.622	2.314	2.331	2.353	2.380	2.374	2.376
31											
32	MOTOR VEHICLES..............	2.393	2.064	1.532	1.584	1.504	1.610	1.689	1.709	1.657	1.705
33											
34	NONAUTO TRANS EQUIP.........	1.488	1.527	1.546	1.491	1.484	1.571	1.614	1.655	1.692	1.705
35											
36	STONE, CLAY, GLASS..........	.772	.763	.709	.712	.668	.675	.689	.701	.687	.693
37											
38	OTHER DURABLE...............	.786	.790	.809	.825	.789	.773	.776	.773	.776	.773
39											
40	TRADE.......................	16.850	16.731	16.409	16.664	16.640	16.731	16.771	16.810	16.679	16.763
41											
42	SERVICES....................	11.914	12.041	12.394	13.091	13.092	12.984	12.841	12.787	12.872	12.864
43											
44	FINANCE, INSUR, REAL ESTATE...	15.232	15.339	15.968	16.212	16.444	16.328	16.188	16.162	16.403	16.496
45											
46	TRANS, COMM, PUB UTIL.........	9.349	9.512	9.724	9.457	9.180	9.180	9.252	9.286	9.377	9.470
47											
48	GOVERNMENT....................	11.989	11.791	11.908	11.853	12.890	12.355	12.065	11.786	11.627	11.369
49											

TAB. 12.10 U.S. OUTPUT -- INDUSTRY SHARE OF TOTAL (%)

LABEL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
GROSS NATIONAL PRODUCT........	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
NONDURABLE MANUFACTURING										
FOOD AND BEVERAGES..........	2.327	2.318	2.279	2.248	2.238	2.217	2.202	2.198	2.199	2.179
TEXTILES....................	.668	.695	.708	.713	.711	.705	.703	.701	.693	.687
APPAREL.....................	.762	.792	.807	.809	.805	.802	.802	.797	.798	.794
PAPER.......................	.816	.825	.820	.827	.834	.324	.818	.813	.814	.809
PRINTING, PUBLISHING........	1.133	1.130	1.118	1.115	1.122	1.120	1.120	1.123	1.128	1.125
CHEMICALS...................	1.848	1.870	1.881	1.900	1.927	1.927	1.928	1.925	1.926	1.924
RUBBER......................	.742	.760	.782	.791	.793	.802	.807	.808	.808	.809
DURABLE MANUFACTURING										
LUMBER......................	.728	.792	.826	.851	.817	.824	.846	.824	.782	.794
FURNITURE...................	.357	.357	.366	.366	.358	.358	.362	.364	.357	.361
PRIMARY METALS..............	1.187	1.227	1.223	1.235	1.251	1.222	1.197	1.171	1.134	1.120
FABRICATED METALS...........	1.497	1.519	1.552	1.571	1.563	1.575	1.582	1.578	1.559	1.563
NONELECTRICAL MACHINERY.....	2.799	2.759	2.831	2.866	2.879	2.905	2.911	2.915	2.887	2.881
ELECTRICAL MACHINERY........	2.314	2.331	2.353	2.380	2.374	2.376	2.384	2.380	2.357	2.357
MOTOR VEHICLES..............	1.504	1.610	1.689	1.709	1.657	1.705	1.725	1.754	1.743	1.776
NONAUTO TRANS EQUIP.........	1.484	1.571	1.614	1.655	1.692	1.705	1.714	1.712	1.701	1.705
STONE, CLAY, GLASS..........	.668	.675	.689	.701	.687	.693	.698	.690	.677	.677
OTHER DURABLE...............	.789	.773	.776	.773	.776	.773	.774	.770	.766	.764
TRADE.......................	16.640	16.731	16.771	16.810	16.679	16.763	16.801	16.842	16.858	16.848
SERVICES....................	13.092	12.984	12.841	12.787	12.872	12.864	12.852	12.879	12.959	12.919
FINANCE, INSUR, REAL ESTATE...	16.444	16.328	16.188	16.162	16.403	16.496	16.571	16.703	16.921	16.996
TRANS, COMM, PUB UTIL........	9.180	9.180	9.252	9.286	9.377	9.470	9.557	9.686	9.799	9.890
GOVERNMENT..................	12.890	12.355	12.065	11.786	11.627	11.369	11.122	10.964	10.896	10.766

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 13.00 U.S. WAGE RATES (ANNUAL) -- CURRENT $ (THOUSANDS)

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
2	UWPANM	NONDURABLE MANUFACTURING......	13.004	14.152	15.574	17.337	18.409	19.626	20.952	23.007	24.782	26.670
4	UWPADM	DURABLE MANUFACTURING.........	15.554	16.907	18.567	20.438	21.659	23.308	25.006	27.585	29.721	32.062
6	UWPAMI	MINING........................	18.669	20.614	22.897	25.987	26.860	28.192	29.383	32.053	34.287	36.825
8	UWPACS	CONSTRUCTION..................	14.576	15.891	17.486	20.397	21.812	22.015	22.637	24.158	27.973	30.487
10	UWPAWT	WHOLESALE TRADE...............	15.000	16.370	17.990	19.761	20.211	21.679	23.174	25.598	27.461	29.764
12	UWPART	RETAIL TRADE..................	7.637	8.183	8.762	9.625	9.844	10.559	11.287	12.467	13.375	14.496
14	UWPASV	SERVICES......................	8.860	9.840	10.952	11.677	11.938	12.776	13.669	15.088	16.183	17.401
16	UWPAFI	FINANCE, INSUR, REAL ESTATE...	12.403	13.442	14.877	16.060	16.466	17.660	18.933	21.048	22.488	24.247
18	UWPABK	BANKING.....................	11.281	12.160	13.321	14.525	15.254	16.419	17.624	19.317	21.031	22.615
20	UWPANB	NONBANKING..................	12.871	13.979	15.541	16.945	17.796	19.156	20.561	22.537	24.536	26.383
22	UWPATU	TRANS, COMM, PUB UTIL.........	16.957	18.336	19.840	21.608	22.988	24.614	26.401	29.447	31.953	34.714
24	UWPATN	TRANSPORTATION..............	16.600	17.963	19.415	21.080	22.388	23.799	25.437	28.180	30.413	32.921
26	UWPACN	COMMUNICATION...............	17.288	18.690	20.046	21.739	23.246	25.115	27.144	30.268	32.880	35.736
28	UWPAPU	PUBLIC UTILITIES............	17.760	19.156	21.033	23.143	24.168	26.167	28.113	31.973	35.072	38.386
30	UWPAAF	AGRI SERV, FOREST, FISHERY....	7.665	8.268	8.726	9.355	9.852	10.540	11.033	11.717	12.552	13.130
32		GOVERNMENT										
34	UWPASL	STATE AND LOCAL	10.945	11.661	12.775	14.329	15.042	15.962	17.058	18.625	20.267	21.768
36	UWPAFC	FEDERAL CIVILIAN............	17.525	18.528	19.565	22.653	23.665	25.339	27.142	29.668	31.792	33.873
38	UWPAFS	FEDERAL MILITARY............	8.416	8.897	9.590	11.104	11.599	12.420	13.304	14.542	15.583	16.603
40	UWPAFM	FARMING.......................	5.889	6.703	7.330	7.971	8.411	8.952	9.527	10.468	11.328	12.193

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 13.00 U.S. WAGE RATES (ANNUAL) -- CURRENT $ (THOUSANDS)

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
UWPANM	NONDURABLE MANUFACTURING	18.409	19.626	20.952	23.007	24.782	26.670	28.399	30.243	32.171	34.027
UWPADM	DURABLE MANUFACTURING	21.659	23.308	25.006	27.585	29.721	32.062	34.194	36.605	38.954	41.316
UWPAMI	MINING	26.860	28.192	29.383	32.053	34.287	36.825	39.253	42.306	45.196	51.482
UWPACS	CONSTRUCTION	21.812	22.015	22.637	24.158	27.973	30.487	33.182	35.880	39.483	42.332
UWPAWT	WHOLESALE TRADE	20.211	21.679	23.174	25.598	27.461	29.764	31.936	34.117	36.414	38.979
UWPART	RETAIL TRADE	9.844	10.559	11.287	12.467	13.375	14.496	15.554	16.616	17.735	18.985
UWPASV	SERVICES	11.938	12.776	13.669	15.088	16.183	17.401	18.520	19.677	20.900	22.150
UWPAFI	FINANCE, INSUR, REAL ESTATE	16.466	17.660	18.933	21.048	22.488	24.247	25.938	27.690	29.463	31.306
UWPABK	BANKING	15.254	16.419	17.624	19.317	21.031	22.615	24.206	25.876	27.828	29.742
UWPANB	NONBANKING	17.796	19.156	20.561	22.537	24.536	26.383	28.240	30.188	32.465	34.699
UWPATU	TRANS, COMM, PUB UTIL	22.988	24.614	26.401	29.447	31.953	34.714	37.317	40.142	42.998	46.056
UWPATN	TRANSPORTATION	22.388	23.799	25.437	28.180	30.413	32.921	35.319	37.850	40.421	43.005
UWPACN	COMMUNICATION	23.246	25.115	27.144	30.268	32.880	35.736	38.448	41.423	44.442	47.719
UWPAPU	PUBLIC UTILITIES	24.168	26.167	28.113	31.973	35.072	38.386	41.405	44.779	48.082	51.802
UWPAAF	AGRI SERV, FOREST, FISHERY	9.852	10.540	11.033	11.717	12.552	13.130	13.766	14.221	14.879	15.437
	GOVERNMENT										
UWPASL	STATE AND LOCAL	15.042	15.962	17.058	18.625	20.267	21.768	23.316	24.917	26.558	28.231
UWPAFC	FEDERAL CIVILIAN	23.665	25.339	27.142	29.668	31.792	33.873	35.314	36.834	38.292	39.837
UWPAFS	FEDERAL MILITARY	11.599	12.420	13.304	14.542	15.583	16.603	17.310	18.055	18.769	19.526
UWPAFM	FARMING	8.411	8.952	9.527	10.468	11.328	12.193	13.028	13.901	14.765	15.687

TAB. 13.01 U.S. WAGE RATES (ANNUAL) -- GROWTH RATES

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2	UWPANM	NONDURABLE MANUFACTURING......	7.9%	8.8%	10.0%	11.3%	6.2%	6.6%	6.8%	9.8%	7.7%	7.6%
3												
4	UWPADM	DURABLE MANUFACTURING.........	7.5%	8.7%	9.8%	10.1%	6.0%	7.6%	7.3%	10.3%	7.7%	7.9%
5												
6	UWPAMI	MINING........................	9.7%	10.4%	11.1%	13.5%	3.4%	5.0%	4.2%	9.1%	7.0%	7.4%
7												
8	UWPACS	CONSTRUCTION..................	5.7%	9.0%	10.0%	16.6%	6.9%	.9%	2.8%	6.7%	15.8%	9.0%
9												
10	UWPAWT	WHOLESALE TRADE...............	7.5%	9.1%	9.9%	9.8%	2.3%	7.3%	6.9%	10.5%	7.3%	8.4%
11												
12	UWPART	RETAIL TRADE..................	6.4%	7.1%	7.1%	9.8%	2.3%	7.3%	6.9%	10.5%	7.3%	8.4%
13												
14	UWPASV	SERVICES......................	9.8%	11.1%	11.3%	6.6%	2.2%	7.0%	7.0%	10.4%	7.3%	7.5%
15												
16	UWPAFI	FINANCE, INSUR, REAL ESTATE...	8.4%	8.4%	10.7%	8.0%	2.5%	7.2%	7.2%	11.2%	6.8%	7.8%
17												
18	UWPABK	BANKING.....................	7.0%	7.8%	9.5%	9.0%	5.0%	7.6%	7.3%	9.6%	8.9%	7.5%
19												
20	UWPANB	NONBANKING..................	8.8%	8.6%	11.2%	9.0%	5.0%	7.6%	7.3%	9.6%	8.9%	7.5%
21												
22	UWPATU	TRANS, COMM, PUB UTIL.........	8.4%	8.1%	8.2%	8.9%	6.4%	7.1%	7.3%	11.5%	8.5%	8.6%
23												
24	UWPATN	TRANSPORTATION..............	8.1%	8.2%	8.1%	8.6%	6.2%	6.3%	6.9%	10.8%	7.9%	8.2%
25												
26	UWPACN	COMMUNICATION...............	9.4%	8.1%	7.3%	8.4%	6.9%	8.0%	8.1%	11.5%	8.6%	8.7%
27												
28	UWPAPU	PUBLIC UTILITIES............	8.0%	7.9%	9.8%	10.0%	4.4%	8.3%	7.4%	13.7%	9.7%	9.4%
29												
30	UWPAAF	AGRI SERV, FOREST, FISHERY....	5.0%	7.9%	5.5%	7.2%	5.3%	7.0%	4.7%	6.2%	7.1%	4.6%
31												
32		GOVERNMENT										
33												
34	UWPASL	STATE AND LOCAL	5.6%	6.5%	9.6%	12.2%	5.0%	6.1%	6.9%	9.2%	8.8%	7.4%
35												
36	UWPAFC	FEDERAL CIVILIAN............	8.1%	5.7%	5.6%	15.8%	4.5%	7.1%	7.1%	9.3%	7.2%	6.5%
37												
38	UWPAFS	FEDERAL MILITARY............	6.5%	5.7%	7.8%	15.8%	4.5%	7.1%	7.1%	9.3%	7.2%	6.5%
39												
40	UWPAFM	FARMING.......................	6.9%	13.8%	9.4%	8.7%	5.5%	6.4%	6.4%	9.9%	8.2%	7.6%

TAB. 13.01 U.S. WAGE RATES (ANNUAL) -- GROWTH RATES

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2	UWPANM	NONDURABLE MANUFACTURING......	6.2%	6.6%	6.8%	9.8%	7.7%	7.6%	6.5%	6.5%	6.4%	5.8%
3												
4	UWPADM	DURABLE MANUFACTURING.........	6.0%	7.6%	7.3%	10.3%	7.7%	7.9%	6.7%	7.1%	6.4%	6.1%
5												
6	UWPAMI	MINING........................	3.4%	5.0%	4.2%	9.1%	7.0%	7.4%	6.6%	7.8%	6.8%	13.9%
7												
8	UWPACS	CONSTRUCTION..................	6.9%	.9%	2.8%	6.7%	15.8%	9.0%	8.8%	8.1%	10.0%	7.2%
9												
10	UWPAWT	WHOLESALE TRADE...............	2.3%	7.3%	6.9%	10.5%	7.3%	8.4%	7.3%	6.8%	6.7%	7.0%
11												
12	UWPART	RETAIL TRADE..................	2.3%	7.3%	6.9%	10.5%	7.3%	8.4%	7.3%	6.8%	6.7%	7.0%
13												
14	UWPASV	SERVICES......................	2.2%	7.0%	7.0%	10.4%	7.3%	7.5%	6.4%	6.2%	6.2%	6.0%
15												
16	UWPAFI	FINANCE, INSUR, REAL ESTATE...	2.5%	7.2%	7.2%	11.2%	6.8%	7.8%	7.0%	6.8%	6.4%	6.3%
17												
18	UWPABK	BANKING.......................	5.0%	7.6%	7.3%	9.6%	8.9%	7.5%	7.0%	6.9%	7.5%	6.9%
19												
20	UWPANB	NONBANKING....................	5.0%	7.6%	7.3%	9.6%	8.9%	7.5%	7.0%	6.9%	7.5%	6.9%
21												
22	UWPATU	TRANS, COMM, PUB UTIL.........	6.4%	7.1%	7.3%	11.5%	8.5%	8.6%	7.5%	7.6%	7.1%	7.1%
23												
24	UWPATN	TRANSPORTATION................	6.2%	6.3%	6.9%	10.8%	7.9%	8.2%	7.3%	7.2%	6.8%	6.4%
25												
26	UWPACN	COMMUNICATION.................	6.9%	8.0%	8.1%	11.5%	8.6%	8.7%	7.6%	7.7%	7.3%	7.4%
27												
28	UWPAPU	PUBLIC UTILITIES..............	4.4%	8.3%	7.4%	13.7%	9.7%	9.4%	7.9%	8.1%	7.4%	7.7%
29												
30	UWPAAF	AGRI SERV, FOREST, FISHERY....	5.3%	7.0%	4.7%	6.2%	7.1%	4.6%	4.8%	3.3%	4.6%	3.8%
31												
32		GOVERNMENT										
33												
34	UWPASL	STATE AND LOCAL	5.0%	6.1%	6.9%	9.2%	8.8%	7.4%	7.1%	6.9%	6.6%	6.3%
35												
36	UWPAFC	FEDERAL CIVILIAN............	4.5%	7.1%	7.1%	9.3%	7.2%	6.5%	4.3%	4.3%	4.0%	4.0%
37												
38	UWPAFS	FEDERAL MILITARY............	4.5%	7.1%	7.1%	9.3%	7.2%	6.5%	4.3%	4.3%	4.0%	4.0%
39												
40	UWPAFM	FARMING.....................	5.5%	6.4%	6.4%	9.9%	8.2%	7.6%	6.8%	6.7%	6.2%	6.2%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 14.00 U.S. FINAL DEMAND PRICE DEFLATORS (1972 = 100)
WITH GROWTH RATES

LABEL			1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2	UPCDF	PERSONAL CONSUMPTION..........	149.100	162.300	179.136	194.542	203.491	213.869	226.059	241.883	257.848	272.029
3			6.9%	8.9%	10.4%	8.6%	4.6%	5.1%	5.7%	7.0%	6.6%	5.5%
4												
5	UAUDF	AUTOMOBILES AND PARTS.........	143.500	154.600	166.852	181.869	194.599	207.248	219.891	236.163	250.568	262.596
6			7.1%	7.7%	7.9%	9.0%	7.0%	6.5%	6.1%	7.4%	6.1%	4.8%
7												
8	UFUHDF	FURNITURE AND HOME EQUIPMENT..	128.900	135.600	143.593	151.634	157.700	167.319	178.028	191.202	203.439	214.424
9			3.9%	5.2%	5.9%	5.6%	4.0%	6.1%	6.4%	7.4%	6.4%	5.4%
10												
11	UODGDF	OTHER DURABLE GOODS...........	133.300	142.700	165.129	175.532	181.500	192.390	205.088	220.470	234.800	247.245
12			4.4%	7.1%	15.7%	6.3%	3.4%	6.0%	6.6%	7.5%	6.5%	5.3%
13												
14	UNDGDF	NONDURABLE GOODS..............	153.200	169.800	188.490	202.815	208.900	219.554	233.605	250.892	267.702	282.961
15			6.8%	10.8%	11.0%	7.6%	3.0%	5.1%	6.4%	7.4%	6.7%	5.7%
16												
17	UFBDF	FOOD AND BEVERAGE.............	160.200	176.600	190.688	206.896	216.000	228.312	242.924	259.686	275.526	290.405
18			9.7%	10.2%	8.0%	8.5%	4.4%	5.7%	6.4%	6.9%	6.1%	5.4%
19												
20	UCLSDF	CLOTHING AND SHOES............	125.500	129.200	134.342	138.507	144.601	154.434	164.935	176.811	188.126	198.285
21			2.4%	2.9%	4.0%	3.1%	4.4%	6.8%	6.8%	7.2%	6.4%	5.4%
22												
23	UGODF	GAS AND OIL...................	181.600	243.400	340.368	378.489	362.214	375.616	412.802	463.164	515.965	562.917
24			4.4%	34.0%	39.8%	11.2%	-4.3%	3.7%	9.9%	12.2%	11.4%	9.1%
25												
26	UONDDF	OTHER NONDURABLE GOODS........	146.500	155.900	170.783	185.470	195.300	205.261	216.755	232.145	246.306	258.867
27			5.7%	6.4%	9.5%	8.6%	5.3%	5.1%	5.6%	7.1%	6.1%	5.1%
28												

TAB. 14.00 U.S. FINAL DEMAND PRICE DEFLATORS (1972 = 100)
WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
UPCDF	PERSONAL CONSUMPTION..........	203.491	213.869	226.059	241.883	257.848	272.029	285.087	297.915	310.726	324.087
		4.6%	5.1%	5.7%	7.0%	6.6%	5.5%	4.8%	4.5%	4.3%	4.3%
UAUDF	AUTOMOBILES AND PARTS.........	194.599	207.248	219.891	236.163	250.568	262.596	273.625	285.117	297.092	308.976
		7.0%	6.5%	6.1%	7.4%	6.1%	4.8%	4.2%	4.2%	4.2%	4.0%
UFUHDF	FURNITURE AND HOME EQUIPMENT..	157.700	167.319	178.028	191.202	203.439	214.424	224.073	234.157	244.225	254.727
		4.0%	6.1%	6.4%	7.4%	6.4%	5.4%	4.5%	4.5%	4.3%	4.3%
UODGDF	OTHER DURABLE GOODS...........	181.500	192.390	205.088	220.470	234.800	247.245	258.618	270.256	282.147	294.561
		3.4%	6.0%	6.6%	7.5%	6.5%	5.3%	4.6%	4.5%	4.4%	4.4%
UNDGDF	NONDURABLE GOODS..............	208.900	219.554	233.605	250.892	267.702	282.961	296.826	310.776	324.761	339.376
		3.0%	5.1%	6.4%	7.4%	6.7%	5.7%	4.9%	4.7%	4.5%	4.5%
UFBDF	FOOD AND BEVERAGE.............	216.000	228.312	242.924	259.686	275.526	290.405	304.054	318.040	332.034	346.644
		4.4%	5.7%	6.4%	6.9%	6.1%	5.4%	4.7%	4.6%	4.4%	4.4%
UCLSDF	CLOTHING AND SHOES............	144.601	154.434	164.935	176.811	188.126	198.285	207.803	217.154	226.492	236.231
		4.4%	6.8%	6.8%	7.2%	6.4%	5.4%	4.8%	4.5%	4.3%	4.3%
UGODF	GAS AND OIL...................	362.214	375.616	412.802	463.164	515.965	562.917	607.951	651.723	697.996	747.553
		-4.3%	3.7%	9.9%	12.2%	11.4%	9.1%	8.0%	7.2%	7.1%	7.1%
UONDDF	OTHER NONDURABLE GOODS........	195.300	205.261	216.755	232.145	246.306	258.867	270.257	281.878	293.717	306.053
		5.3%	5.1%	5.6%	7.1%	6.1%	5.1%	4.4%	4.3%	4.2%	4.2%

TAB. 14.10 U.S. SECTOR VALUE ADDED PRICES (1972 = 100)
WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
UGNPDF	GROSS NATIONAL PRODUCT........	150.050	162.770	178.696	195.493	208.200	220.276	233.713	249.605	266.579	282.573
		7.3%	8.5%	9.8%	9.4%	6.5%	5.8%	6.1%	6.8%	6.8%	6.0%
UFMDF	AGRI SERV, FOREST, FISHERY....	174.960	198.117	189.533	197.114	198.100	203.052	211.581	222.371	231.488	242.368
		19.7%	13.2%	-4.3%	4.0%	.5%	2.5%	4.2%	5.1%	4.1%	4.7%
UMIDF	MINING........................	262.894	277.551	289.877	315.676	350.400	383.338	417.455	453.356	492.345	536.656
		12.7%	5.6%	4.4%	8.9%	11.0%	9.4%	8.9%	8.6%	8.6%	9.0%
UNMFDF	NONDURABLE MANUFACTURING.....	144,198	151.486	165.142	177.693	184.801	193.486	200.645	212.082	223.322	233.372
		5.4%	5.1%	9.0%	7.6%	4.0%	4.7%	3.7%	5.7%	5.3%	4.5%
UDMFDF	DURABLE MANUFACTURING........	146.214	156.872	165.677	180.422	191.789	202.337	212.859	225.843	238.265	250.178
		7.2%	7.3%	5.6%	8.9%	6.3%	5.5%	5.2%	6.1%	5.5%	5.0%
UTCUDF	TRANS, COMM, PUB UTIL.........	143.539	150.083	162.841	184.358	198.893	216.289	233.916	255.129	276.263	298.793
		5.4%	4.6%	8.5%	13.2%	7.9%	8.7%	8.1%	9.1%	8.3%	8.2%
UCSDF	CONSTRUCTION..................	169.899	194.101	227.506	244.569	261.200	282.879	301.549	325.975	345.207	371.788
		8.4%	14.2%	17.2%	7.5%	6.8%	8.3%	6.6%	8.1%	5.9%	7.7%
UFIRDF	FINANCE, INSUR, REAL ESTATE...	141.655	154.196	170.383	184.014	195.606	205.387	213.602	224.496	237.292	247.970
		8.0%	8.9%	10.5%	8.0%	6.3%	5.0%	4.0%	5.1%	5.7%	4.5%
USVDF	SERVICES......................	154.641	169.380	181.154	196.733	216.800	229.158	241.761	254.575	269.849	283.611
		7.2%	9.5%	7.0%	8.6%	10.2%	5.7%	5.5%	5.3%	6.0%	5.1%
UTRDF	TRADE.........................	146.746	157.994	174.875	188.690	210.201	225.756	242.913	256.759	271.394	284.150
		5.0%	7.7%	10.7%	7.9%	11.4%	7.4%	7.6%	5.7%	5.7%	4.7%
UGDF	GOVERNMENT....................	150.470	160.520	173.031	189.123	202.172	210.866	224.572	241.864	264.357	283.656
		6.6%	6.7%	7.8%	9.3%	6.9%	4.3%	6.5%	7.7%	9.3%	7.3%
	CONSUMER PRICE INDEX..........	155.866	173.743	197.127	217.398	228.412	243.735	261.772	283.001	305.347	326.337
		7.6%	11.5%	13.5%	10.3%	5.1%	6.7%	7.4%	8.1%	7.9%	6.9%
	WHOLESALE PRICE INDEX.........	175.735	197.817	225.693	245.508	252.813	265.323	282.368	304.282	329.135	353.904
		7.8%	12.6%	14.1%	8.8%	3.0%	4.9%	6.4%	7.8%	8.2%	7.5%

TAB. 14.10 U.S. SECTOR VALUE ADDED PRICES (1972 = 100)
WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
UGNPDF	GROSS NATIONAL PRODUCT........	208.200	220.276	233.713	249.605	266.579	282.573	297.267	311.833	326.489	342.161
		6.5%	5.8%	6.1%	6.8%	6.8%	6.0%	5.2%	4.9%	4.7%	4.8%
UFMDF	AGRI SERV, FOREST, FISHERY....	198.100	203.052	211.581	222.371	231.488	242.368	253.517	264.926	276.582	288.475
		.5%	2.5%	4.2%	5.1%	4.1%	4.7%	4.6%	4.5%	4.4%	4.3%
UMIDF	MINING........................	350.400	383.338	417.455	453.356	492.345	536.656	585.492	634.087	687.351	745.088
		11.0%	9.4%	8.9%	8.6%	8.6%	9.0%	9.1%	8.3%	8.4%	8.4%
UNMFDF	NONDURABLE MANUFACTURING.....	184.801	193.486	200.645	212.082	223.322	233.372	242.707	251.444	261.502	269.870
		4.0%	4.7%	3.7%	5.7%	5.3%	4.5%	4.0%	3.6%	4.0%	3.2%
UDMFDF	DURABLE MANUFACTURING........	191.789	202.337	212.859	225.843	238.265	250.178	260.935	271.634	283.586	294.929
		6.3%	5.5%	5.2%	6.1%	5.5%	5.0%	4.3%	4.1%	4.4%	4.0%
UTCUDF	TRANS, COMM, PUB UTIL.........	198.893	216.289	233.916	255.129	276.263	298.793	315.436	331.283	347.126	363.080
		7.9%	8.7%	8.1%	9.1%	8.3%	8.2%	5.6%	5.0%	4.8%	4.6%
UCSDF	CONSTRUCTION..................	261.200	282.879	301.549	325.975	345.207	371.788	397.813	420.489	441.934	471.543
		6.8%	8.3%	6.6%	8.1%	5.9%	7.7%	7.0%	5.7%	5.1%	6.7%
UFIRDF	FINANCE, INSUR, REAL ESTATE...	195.606	205.387	213.602	224.496	237.292	247.970	259.873	270.008	280.808	290.917
		6.3%	5.0%	4.0%	5.1%	5.7%	4.5%	4.8%	3.9%	4.0%	3.6%
USVDF	SERVICES......................	216.800	229.158	241.761	254.575	269.849	283.611	296.941	310.600	323.335	337.238
		10.2%	5.7%	5.5%	5.3%	6.0%	5.1%	4.7%	4.6%	4.1%	4.3%
UTRDF	TRADE.........................	210.201	225.756	242.913	256.759	271.394	284.150	296.368	309.409	321.476	334.335
		11.4%	7.4%	7.6%	5.7%	5.7%	4.7%	4.3%	4.4%	3.9%	4.0%
UGDF	GOVERNMENT....................	202.172	210.866	224.572	241.864	264.357	283.656	303.228	323.544	343.927	364.907
		6.9%	4.3%	6.5%	7.7%	9.3%	7.3%	6.9%	6.7%	6.3%	6.1%
	CONSUMER PRICE INDEX..........	228.412	243.735	261.772	283.001	305.347	326.337	346.848	367.199	388.268	409.896
		5.1%	6.7%	7.4%	8.1%	7.9%	6.9%	6.3%	5.9%	5.7%	5.6%
	WHOLESALE PRICE INDEX.........	252.813	265.323	282.368	304.282	329.135	353.904	378.002	402.267	427.876	454.072
		3.0%	4.9%	6.4%	7.8%	8.2%	7.5%	6.8%	6.4%	6.4%	6.1%

TAB. 15.00 U.S. INCOME -- CURRENT $ (BILLIONS) AND
ALABAMA AND U.S. TAX SERIES
WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	U.S. INCOME										
UOLPY	OTHER LABOR.................	102.124	118.552	137.058	140.400	157.200	171.300	191.100	209.200	222.400	248.000
		14.8%	16.1%	15.6%	2.4%	12.0%	9.0%	11.6%	9.5%	6.3%	11.5%
UNFPPY	NONFARM PROPRIETORS'........	91.023	100.750	107.174	100.700	104.500	110.000	115.100	126.000	137.200	148.900
		7.0%	10.7%	6.4%	-6.0%	3.8%	5.3%	4.6%	9.5%	8.9%	8.5%
UFPPY	FARM PROPRIETORS'...........	26.590	30.765	21.591	24.000	18.800	24.500	28.700	33.000	36.100	39.800
		32.5%	15.7%	-29.8%	11.2%	-21.7%	30.3%	17.1%	15.0%	9.4%	10.2%
UDIRPY	DIVIDEND, INTEREST, RENT....	243.665	288.760	342.503	425.400	488.800	534.100	598.900	628.700	670.300	706.100
		13.2%	18.5%	18.6%	24.2%	14.9%	9.3%	12.1%	5.0%	6.6%	5.3%
UTPPY	TRANSFER PAYMENTS...........	223.272	249.392	294.240	336.300	372.500	400.200	423.800	459.400	508.200	555.200
		7.6%	11.7%	18.0%	14.3%	10.8%	7.4%	5.9%	8.4%	10.6%	9.2%
	ALABAMA										
ASTXR	SALES TAX RATE (%)............	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
ATXDUM	CORPORATE INCOME TAX DUMMY (%)	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
ASLTPC	PER CAP STATE & LOCAL TAXES...	565.930	623.370	649.960	703.969	751.410	798.851	846.293	893.734	941.176	988.617
		11.6%	10.1%	4.3%	8.3%	6.7%	6.3%	5.9%	5.6%	5.3%	5.0%
	USA										
USLTPC	PER CAP STATE & LOCAL TAXES...	880.000	933.740	986.570	1060.073	1124.168	1188.264	1252.359	1316.454	1380.550	1444.645
		8.2%	6.1%	5.7%	7.5%	6.0%	5.7%	5.4%	5.1%	4.9%	4.6%
UEYTXR	EFFECTIVE PERS INC TAX RATE(%)	12.957	13.578	13.764	14.220	13.270	12.380	12.350	12.600	12.750	12.920
		1.7%	4.8%	1.4%	3.3%	-6.7%	-6.7%	-.2%	2.0%	1.2%	1.3%
USSTXR	SOCIAL SECURITY TAX RATE (%)..	11.361	11.735	11.629	12.500	12.890	13.120	13.150	13.950	14.300	14.420
		2.9%	3.3%	-.9%	7.5%	3.1%	1.8%	.2%	6.1%	2.5%	.8%

TAB. 15.00 U.S. INCOME -- CURRENT $ (BILLIONS) AND ALABAMA AND U.S. TAX SERIES WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	U.S. INCOME										
UOLPY	OTHER LABOR..................	157.200	171.300	191.100	209.200	222.400	248.000	276.600	304.100	337.300	408.400
		12.0$	9.0$	11.6$	9.5$	6.3$	11.5$	11.5$	9.9$	10.9$	21.1$
UNFPPY	NONFARM PROPRIETORS'........	104.500	110.000	115.100	126.000	137.200	148.900	157.700	165.200	168.400	177.800
		3.8$	5.3$	4.6$	9.5$	8.9$	8.5$	5.9$	4.8$	1.9$	5.6$
UFPPY	FARM PROPRIETORS'...........	18.800	24.500	28.700	33.000	36.100	39.800	43.800	48.200	52.600	55.600
		-21.7$	30.3$	17.1$	15.0$	9.4$	10.2$	10.1$	10.0$	9.1$	5.7$
UDIRPY	DIVIDEND, INTEREST, RENT....	488.800	534.100	598.900	628.700	670.300	706.100	768.300	800.000	846.600	885.300
		14.9$	9.3$	12.1$	5.0$	6.6$	5.3$	8.8$	4.1$	5.8$	4.6$
UTPPY	TRANSFER PAYMENTS...........	372.500	400.200	423.800	459.400	508.200	555.200	600.200	649.400	702.100	756.500
		10.8$	7.4$	5.9$	8.4$	10.6$	9.2$	8.1$	8.2$	8.1$	7.7$
	ALABAMA										
ASTXR	SALES TAX RATE ($)............	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
ATXDUM	CORPORATE INCOME TAX DUMMY ($)	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
ASLTPC	PER CAP STATE & LOCAL TAXES...	751.410	798.851	846.293	893.734	941.176	988.617	1036.059	1083.500	1130.941	1178.383
		6.7$	6.3$	5.9$	5.6$	5.3$	5.0$	4.8$	4.6$	4.4$	4.2$
	USA										
USLTPC	PER CAP STATE & LOCAL TAXES...	1124.168	1188.264	1252.359	1316.454	1380.550	1444.645	1508.740	1572.836	1636.931	1701.026
		6.0$	5.7$	5.4$	5.1$	4.9$	4.6$	4.4$	4.2$	4.1$	3.9$
UEYTXR	EFFECTIVE PERS INC TAX RATE($)	13.270	12.380	12.350	12.600	12.750	12.920	13.110	13.220	13.320	13.410
		-6.7$	-6.7$	-.2$	2.0$	1.2$	1.3$	1.5$	.8$	.8$	.7$
USSTXR	SOCIAL SECURITY TAX RATE ($)..	12.890	13.120	13.150	13.950	14.300	14.420	14.560	14.650	15.620	15.720
		3.1$	1.8$	.2$	6.1$	2.5$	.8$	1.0$	.6$	6.6$	.6$

TAB. 16.00 ALABAMA AND U.S. ENERGY INDICES WITH GROWTH RATES

LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	ALABAMA ELECTRICITY PRICE INDICES BASED ON TYPICAL BILLS OF SELECTED USERS 1972 = 100										
ACEPIN	COMMERCIAL USER.............	184.903	192.825	238.713	253.059	267.406	281.752	296.099	310.445	324.792	339.138
		5.9%	4.3%	23.8%	6.0%	5.7%	5.4%	5.1%	4.8%	4.6%	4.4%
AREPIN	RESIDENTIAL USER............	157.205	162.591	196.943	207.007	217.070	227.134	237.197	247.261	257.324	267.388
		6.6%	3.4%	21.1%	5.1%	4.9%	4.6%	4.4%	4.2%	4.1%	3.9%
AIEPIN	INDUSTRIAL USER.............	206.614	216.816	261.239	281.948	299.158	316.369	333.579	350.789	367.999	385.209
		11.5%	4.9%	20.5%	7.9%	6.1%	5.8%	5.4%	5.2%	4.9%	4.7%
	US PRICE INDICES BASED ON UNIT PRICES wITHOUT LEGISLATED TAX 1972 = 100										
COALIN	COAL........................	288.024	314.522	352.265	373.048	384.240	413.058	444.037	477.784	514.095	553.167
		11.2%	9.2%	12.0%	5.9%	3.0%	7.5%	7.5%	7.6%	7.6%	7.6%
GASIND	NATURAL GAS.................	486.742	633.738	804.847	1035.838	1218.146	1422.794	1649.019	1947.491	2410.994	2982.400
		14.6%	30.2%	27.0%	28.7%	17.6%	16.8%	15.9%	18.1%	23.8%	23.7%
ARLGP	ALABAMA GASOLINE PRICE IN CENTS/GALLON(72$).............	41.130	49.500	60.626	61.900	55.400	54.010	55.700	57.700	59.700	61.000
		-3.5%	20.4%	22.5%	2.1%	-10.5%	-2.5%	3.1%	3.6%	3.5%	2.2%
MARIEB	ALABAMA/USA RELATIVE COST OF ELECTRICITY---INDUSTRIAL USERS	.772	.796	.855	.896	.938	.979	1.020	1.062	1.103	1.144
		-4.9%	3.1%	7.4%	4.8%	4.6%	4.4%	4.2%	4.1%	3.9%	3.7%
UNGAPC	US NATURAL GAS PRODUCTION IN QUADRILLION CUBIC FEET/YEAR...	19.120	19.504	19.348	19.589	19.374	19.161	18.950	18.742	18.536	18.332
		-.2%	2.0%	-.8%	1.2%	-1.1%	-1.1%	-1.1%	-1.1%	-1.1%	-1.1%

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 16.00 ALABAMA AND U.S. ENERGY INDICES WITH GROWTH RATES

LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	ALABAMA ELECTRICITY PRICE INDICES BASED ON TYPICAL BILLS OF SELECTED USERS 1972 = 100										
ACEPIN	COMMERCIAL USER.............	267,406	281,752	296,099	310,445	324,792	339,138	353,485	367,831	382,178	396,524
		5,7%	5,4%	5,1%	4,8%	4,6%	4,4%	4,2%	4,1%	3,9%	3,8%
AREPIN	RESIDENTIAL USER............	217,070	227,134	237,197	247,261	257,324	267,388	277,451	287,515	297,578	307,642
		4,9%	4,6%	4,4%	4,2%	4,1%	3,9%	3,8%	3,6%	3,5%	3,4%
AIEPIN	INDUSTRIAL USER.............	299,158	316,369	333,579	350,789	367,999	385,209	402,419	419,629	436,839	454,049
		6,1%	5,8%	5,4%	5,2%	4,9%	4,7%	4,5%	4,3%	4,1%	3,9%
	US PRICE INDICES BASED ON UNIT PRICES WITHOUT LEGISLATED TAX 1972 = 100										
COALIN	COAL........................	384,240	413,058	444,037	477,784	514,095	553,167	595,207	636,872	682,090	730,518
		3,0%	7,5%	7,5%	7,6%	7,6%	7,6%	7,6%	7,0%	7,1%	7,1%
GASIND	NATURAL GAS.................	1218,146	1422,794	1649,019	1947,491	2410,994	2982,400	3301,516	3634,969	4002,101	4402,311
		17,6%	16,8%	15,9%	18,1%	23,8%	23,7%	10,7%	10,1%	10,1%	10,0%
ARLGP	ALABAMA GASOLINE PRICE IN CENTS/GALLON(72$).............	55,400	54,010	55,700	57,700	59,700	61,000	62,300	63,300	64,300	65,400
		-10,5%	-2,5%	3,1%	3,6%	3,5%	2,2%	2,1%	1,6%	1,6%	1,7%
MARIEB	ALABAMA/USA RELATIVE COST OF ELECTRICITY---INDUSTRIAL USERS	,938	,979	1,020	1,062	1,103	1,144	1,186	1,227	1,269	1,310
		4,6%	4,4%	4,2%	4,1%	3,9%	3,7%	3,6%	3,5%	3,4%	3,3%
UNGAPC	US NATURAL GAS PRODUCTION IN QUADRILLION CUBIC FEET/YEAR...	19,374	19,161	18,950	18,742	18,536	18,332	18,130	17,931	17,733	17,538
		-1,1%	-1,1%	-1,1%	-1,1%	-1,1%	-1,1%	-1,1%	-1,1%	-1,1%	-1,1%

TAB. 17.00 CONSTANT ADJUSTMENTS
OUTPUT SECTOR

LABEL			1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2		OUTPUT SECTOR										
3												
4	KMIRSP	RSP MINING....................	.000	.000	.000	-.096	.046	.036	.036	.036	.036	.036
5	KCSRSP	RSP CONTRACT CONSTRUCTION.....	.000	.000	.000	.000	.000	.000	-.047	-.096	-.096	-.096
6	KTRRSP	RSP TRADE.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
7	KSVRSP	RSP SERVICE...................	.000	.000	.000	.000	.000	-.032	-.032	-.032	-.032	-.032
8	KRSPBK	RSP BANKING...................	.000	.000	.000	-.026	-.043	-.058	-.058	-.058	-.058	-.058
9	KRSPNB	RSP NONBANKING................	.000	.000	.000	-.027	-.142	-.141	-.141	-.141	-.141	-.141
10	KRSPTN	RSP TRANSPORTATION............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KRSPCN	RSP COMMUNICATIONS............	.000	.000	.000	.000	.000	-.006	-.006	-.006	-.006	-.006
12	KRSPPU	RSP PUBLIC UTILITIES..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13	KSLGRP	RSP STATE AND LOCAL GOVT......	.000	.000	.000	-.107	-.080	.004	.004	.004	.004	.004
14	KFDGRP	RSP FEDERAL GOVERNMENT........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
15	KFMRSP	RSP FARMING...................	.000	.000	.000	.000	.000	-.010	-.010	-.010	-.010	-.010
16												
17		NONDURABLE MANUFACTURING										
18												
19	KFDRSP	RSP FOOD......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	KTXRSP	RSP TEXTILES..................	.000	.000	.000	-.032	-.024	-.097	-.097	-.097	-.097	-.097
21	KAPRSP	RSP APPAREL...................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	KPARSP	RSP PAPER.....................	.000	.000	.000	.000	.000	-.027	-.027	-.027	-.027	-.027
23	KPTRSP	RSP PRINTING..................	.000	.000	.000	-.030	-.002	-.012	-.012	-.012	-.012	-.012
24	KCHRSP	RSP CHEMICAL..................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
25	KRBRSP	RSP RUBBER....................	.000	.000	.000	.000	.000	-.037	-.058	-.058	-.058	-.058
26	KONRSP	RSP OTHER NONDURABLE..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
27												
28		DURABLE MANUFACTURING										
29												
30	KLURSP	RSP LUMBER....................	.000	.000	.000	.000	.000	-.030	-.030	-.030	-.030	-.030
31	KFURSP	RSP FURNITURE.................	.000	.000	.000	-.009	-.008	-.016	-.022	-.022	-.022	-.022
32	KPMRSP	RSP PRIMARY METALS............	.000	.000	.000	-.194	-.295	-.274	-.274	-.274	-.274	-.274
33	KFPRSP	RSP FABRICATED METALS.........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
34	KMYRSP	RSP NONELECTRICAL MACHINERY...	.000	.000	.000	-.016	.012	.000	.000	.000	.000	.000
35	KELRSP	RSP ELECTRICAL MACHINERY......	.000	.000	.000	-.019	-.013	-.021	-.021	-.021	-.021	-.021
36	KATRSP	RSP ALL TRANSPORTATION........	.000	.000	.000	.000	.000	-.045	-.045	-.045	-.045	-.045
37	KSCRSP	RSP STONE, CLAY, & GLASS......	.000	.000	.000	.000	.000	-.003	-.011	-.011	-.011	-.011
38	KODRSP	RSP OTHER DURABLE.............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
39												

ALABAMA ECONOMIC AND DEMOGRAPHIC INFORMATION SYSTEM - CBER/UOA -

TAB. 17.00 CONSTANT ADJUSTMENTS
OUTPUT SECTOR

	LABEL			1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1													
2			OUTPUT SECTOR										
3													
4	KMIRSP	RSP	MINING......................	.046	.036	.036	.036	.036	.036	.036	.036	.036	.036
5	KCSRSP	RSP	CONTRACT CONSTRUCTION.....	.000	.000	-.047	-.096	-.096	-.096	-.096	-.096	-.096	-.096
6	KTRRSP	RSP	TRADE......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
7	KSVRSP	RSP	SERVICE....................	.000	-.032	-.032	-.032	-.032	-.032	-.032	-.032	-.032	-.032
8	KRSPBK	RSP	BANKING....................	-.043	-.058	-.058	-.058	-.058	-.058	-.058	-.058	-.058	-.058
9	KRSPNB	RSP	NONBANKING.................	-.142	-.141	-.141	-.141	-.141	-.141	-.141	-.141	-.141	-.141
10	KRSPTN	RSP	TRANSPORTATION............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KRSPCN	RSP	COMMUNICATIONS............	.000	-.006	-.006	-.006	-.006	-.006	-.006	-.006	-.006	-.006
12	KRSPPU	RSP	PUBLIC UTILITIES..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13	KSLGRP	RSP	STATE AND LOCAL GOVT......	-.080	.004	.004	.004	.004	.004	.004	.004	.004	.004
14	KFDGRP	RSP	FEDERAL GOVERNMENT........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
15	KFMRSP	RSP	FARMING...................	.000	-.010	-.010	-.010	-.010	-.010	-.010	-.010	-.010	-.010
16													
17			NONDURABLE MANUFACTURING										
18													
19	KFDRSP	RSP	FOOD......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	KTXRSP	RSP	TEXTILES..................	-.024	-.097	-.097	-.097	-.097	-.097	-.097	-.097	-.097	-.097
21	KAPRSP	RSP	APPAREL...................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	KPARSP	RSP	PAPER.....................	.000	-.027	-.027	-.027	-.027	-.027	-.027	-.027	-.027	-.027
23	KPTRSP	RSP	PRINTING..................	-.002	-.012	-.012	-.012	-.012	-.012	-.012	-.012	-.012	-.012
24	KCHRSP	RSP	CHEMICAL..................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
25	KRBRSP	RSP	RUBBER....................	.000	-.037	-.058	-.058	-.058	-.058	-.058	-.058	-.058	-.058
26	KONRSP	RSP	OTHER NONDURABLE..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
27													
28			DURABLE MANUFACTURING										
29													
30	KLURSP	RSP	LUMBER....................	.000	-.030	-.030	-.030	-.030	-.030	-.030	-.030	-.030	-.030
31	KFURSP	RSP	FURNITURE.................	-.008	-.016	-.022	-.022	-.022	-.022	-.022	-.022	-.022	-.022
32	KPMRSP	RSP	PRIMARY METALS............	-.295	-.274	-.274	-.274	-.274	-.274	-.274	-.274	-.274	-.274
33	KFPRSP	RSP	FABRICATED METALS.........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
34	KMYRSP	RSP	NONELECTRICAL MACHINERY...	.012	.000	.000	.000	.000	.000	.000	.000	.000	.000
35	KELRSP	RSP	ELECTRICAL MACHINERY......	-.013	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021
36	KATRSP	RSP	ALL TRANSPORTATION........	.000	-.045	-.045	-.045	-.045	-.045	-.045	-.045	-.045	-.045
37	KSCRSP	RSP	STONE, CLAY, & GLASS......	.000	-.003	-.011	-.011	-.011	-.011	-.011	-.011	-.011	-.011
38	KODRSP	RSP	OTHER DURABLE.............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
39													

TAB. 17.10 CONSTANT ADJUSTMENTS -- (CONTINUED)
EMPLOYMENT SECTOR

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2		PROPRIETORS'										
3	KEPRF	FARM	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
4	KEPRNF	NONFARM	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5		WAGE AND SALARY										
6	KWSEFM	FARM	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
7	KWSENA	NONAGRICULTURAL	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KWSEFD	FOOD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
9	KWSETX	TEXTILES	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	KWSEAP	APPAREL	.000	.000	.000	.000	.000	3.908	.562	.562	.562	.562
11	KWSEPA	PAPER	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12	KWSEPT	PRINTING	.000	.000	.000	.000	.000	1.658	1.658	1.658	1.658	1.658
13	KWSECH	CHEMICAL	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
14	KWSERB	RUBBER	.000	.000	.000	.000	.000	.063	.000	.000	.000	.000
15	KWSEOD	OTHER DURABLE	.000	.000	.000	.000	.000	1.058	1.058	1.058	1.058	1.058
16	KWSELU	LUMBER	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
17	KWSEFU	FURNITURE	.000	.000	.000	.000	.000	3.970	4.459	4.459	4.459	4.459
18	KWSEPM	PRIMARY METAL	.000	.000	.000	.000	.000	1.469	1.469	1.469	1.469	1.469
19	KWSEFB	FABRICATED METAL	.000	.000	.000	.000	.000	4.203	4.991	6.464	6.464	6.464
20	KWSEMY	NONELECTRICAL MACHINERY	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
21	KWSEEL	ELECTRICAL MACHINERY	.000	.000	.000	.000	.000	1.224	.000	.000	.000	.000
22	KWSETM	TRANSPORTATION EQUIP	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
23	KWSESC	STONE, CLAY, GLASS	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
24	KWSEON	OTHER NONDURABLE	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
25	KWSEMI	MINING	.000	.000	.000	.000	.000	.367	.000	.000	.000	.000
26	KWSECS	CONSTRUCTION	.000	.000	.000	.000	.000	5.089	3.179	3.179	3.179	3.179
27	KWSETR	TRADE	.000	.000	.000	.000	.000	7.717	.000	.000	.000	.000
28	KWSESV	SERVICES	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
29	KWSEBK	BANKING	.000	.000	.000	.000	.000	2.931	.000	.000	.000	.000
30	KWSENB	NONBANKING	.000	.000	.000	.000	.000	-1.928	-1.205	.000	.000	.000
31	KWSETN	TRANSPORTATION	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
32	KWSECN	COMMUNICATION	.000	.000	.000	.000	.000	1.218	.000	.000	.000	.000
33	KWSEPU	PUBLIC UTILITIES	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
34	KWSEAF	AGRI SERV, FOREST, FISHERY	.000	.000	.000	.000	.000	-.861	-1.072	.000	.000	.000
35	KWSESL	GOVERNMENT--STATE AND LOCAL	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
36	KWSEFC	--FEDERAL CIVILIAN	.000	.000	.000	.000	.000	1.265	.000	.000	.000	.000
37	KWSEFS	--FEDERAL MILITARY	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

TAB. 17.10 CONSTANT ADJUSTMENTS -- (CONTINUED)
EMPLOYMENT SECTOR

LABEL			1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2		PROPRIETORS'										
3	KEPRF	FARM	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
4	KEPRNF	NONFARM	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5		WAGE AND SALARY										
6	KWSEFM	FARM	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
7	KWSENA	NONAGRICULTURAL	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KWSEFD	FOOD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
9	KWSETX	TEXTILES	.000	3.908	.562	.562	.562	.562	.562	.562	.562	.562
10	KWSEAP	APPAREL	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KWSEPA	PAPER	.000	1.658	1.658	1.658	1.658	1.658	1.658	1.658	1.658	1.658
12	KWSEPT	PRINTING	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13	KWSECH	CHEMICAL	.000	.063	.000	.000	.000	.000	.000	.000	.000	.000
14	KWSERB	RUBBER	.000	1.058	1.058	1.058	1.058	1.058	1.058	1.058	1.058	1.058
15	KWSEOD	OTHER DURABLE	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
16	KWSELU	LUMBER	.000	3.970	4.459	4.459	4.459	4.459	4.459	4.459	4.459	4.459
17	KWSEFU	FURNITURE	.000	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469	1.469
18	KWSEPM	PRIMARY METAL	.000	4.203	4.991	6.464	6.464	6.464	6.464	6.464	6.464	6.464
19	KWSEFB	FABRICATED METAL	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	KWSEMY	NONELECTRICAL MACHINERY	.000	1.224	.000	.000	.000	.000	.000	.000	.000	.000
21	KWSEEL	ELECTRICAL MACHINERY	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	KWSETM	TRANSPORTATION EQUIP	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
23	KWSESC	STONE, CLAY, GLASS	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
24	KWSEON	OTHER NONDURABLE	.000	.367	.000	.000	.000	.000	.000	.000	.000	.000
25	KWSEMI	MINING	.000	5.089	3.179	3.179	3.179	3.179	3.179	3.179	3.179	3.179
26	KWSECS	CONSTRUCTION	.000	7.717	.000	.000	.000	.000	.000	.000	.000	.000
27	KWSETR	TRADE	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	KWSESV	SERVICES	.000	2.931	.000	.000	.000	.000	.000	.000	.000	.000
29	KWSEBK	BANKING	.000	-1.928	-1.205	.000	.000	.000	.000	.000	.000	.000
30	KWSENB	NONBANKING	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
31	KWSETN	TRANSPORTATION	.000	1.218	.000	.000	.000	.000	.000	.000	.000	.000
32	KWSECN	COMMUNICATION	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
33	KWSEPU	PUBLIC UTILITIES	.000	-.861	-1.072	.000	.000	.000	.000	.000	.000	.000
34	KWSEAF	AGRI SERV, FOREST, FISHERY	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
35	KWSESL	GOVERNMENT--STATE AND LOCAL.	.000	1.265	.000	.000	.000	.000	.000	.000	.000	.000
36	KWSEFC	--FEDERAL CIVILIAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
37	KWSEFS	--FEDERAL MILITARY	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

TAB. 17.20 CONSTANT ADJUSTMENTS -- (CONTINUED)
WAGE RATE SECTOR

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2	KWPANM	NONDURABLE..................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
3	KWPAFD	FOOD........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
4	KWPATX	TEXTILES....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5	KWPAAP	APPAREL.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
6	KWPAPA	PAPER.......................	.000	.000	.000	.000	-.477	-.477	-.477	-.477	-.477	-.477
7	KWPAPT	PRINTING....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KWPACH	CHEMICAL....................	.000	.000	.000	.000	-.146	-.146	-.146	-.146	-.146	-.146
9	KWPARB	RUBBER......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	KWPAON	OTHER NONDURABLE............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KWPADM	DURABLE.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12	KWPALU	LUMBER......................	.000	.000	.000	.000	-.090	-.090	-.090	-.090	-.090	-.090
13	KWPAFU	FURNITURE...................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
14	KWPAPM	PRIMARY METAL...............	.000	.000	.000	.000	-.192	-.192	-.192	-.192	-.192	-.192
15	KWPAFB	FABRICATED METAL............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
16	KWPAMY	NONELECTRICAL MACHINERY.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
17	KWPAEL	ELECTRICAL MACHINERY........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
18	KWPATM	TRANS EQUIP & MOTOR VEH.....	.000	.000	.000	.000	-.617	-.617	-.617	-.617	-.617	-.617
19	KWPATE	TRANSPORTATION EQUIP........	.000	.000	.000	.000	-.927	-.927	-.927	-.927	-.927	-.927
20	KWPAMV	MOTOR VEHICLE...............	.000	.000	.000	.000	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183
21	KWPASC	STONE,CLAY,GLASS............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	KWPAON	OTHER NONDURABLE............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
23	KWPAMI	MINING......................	.000	.000	.000	.000	-.669	-.669	-.669	-.669	-.669	-.669
24	KWPACS	CONSTRUCTION................	.000	.000	.000	.000	-.362	-.362	-.362	-.362	-.362	-.362
25	KWPATR	TRADE.......................	.000	.000	.000	.000	-.615	-.615	-.615	-.615	-.615	-.615
26	KWPASV	SERVICES....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
27	KWPABK	BANKING.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	KWPANB	NONBANKING..................	.000	.000	.000	.000	-.040	-.040	-.040	-.040	-.040	-.040
29	KWPATN	TRANSPORTATION..............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	KWPACN	COMMUNICATION...............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
31	KWPAPU	PUBLIC UTILITIES............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
32	KWPAAF	AGRI SERV, FOREST, FISHERY..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
33	KWPASL	GOVERNMENT--STATE AND LOCAL.	.000	.000	.000	.000	-.194	-.194	-.194	-.194	-.194	-.194
34	KWPAFC	--FEDERAL CIVILIAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
35	KWPAFS	--FEDERAL MILITARY	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

TAB. 17.20 CONSTANT ADJUSTMENTS -- (CONTINUED)
WAGE RATE SECTOR

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2	KWPANM	NONDURABLE...................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
3	KWPAFD	FOOD.........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
4	KWPATX	TEXTILES.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5	KWPAAP	APPAREL......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
6	KWPAPA	PAPER........................	-.477	-.477	-.477	-.477	-.477	-.477	-.477	-.477	-.477	-.477
7	KWPAPT	PRINTING.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KWPACH	CHEMICAL.....................	-.146	-.146	-.146	-.146	-.146	-.146	-.146	-.146	-.146	-.146
9	KWPARB	RUBBER.......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	KWPAON	OTHER NONDURABLE.............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KWPADM	DURABLE......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12	KWPALU	LUMBER.......................	-.090	-.090	-.090	-.090	-.090	-.090	-.090	-.090	-.090	-.090
13	KWPAFU	FURNITURE....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
14	KWPAPM	PRIMARY METAL................	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192
15	KWPAFB	FABRICATED METAL.............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
16	KWPAMY	NONELECTRICAL MACHINERY......	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
17	KWPAEL	ELECTRICAL MACHINERY.........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
18	KWPATM	TRANS EQUIP & MOTOR VEH......	-.617	-.617	-.617	-.617	-.617	-.617	-.617	-.617	-.617	-.617
19	KWPATE	TRANSPORTATION EQUIP.........	-.927	-.927	-.927	-.927	-.927	-.927	-.927	-.927	-.927	-.927
20	KWPAMV	MOTOR VEHICLE................	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183
21	KWPASC	STONE,CLAY,GLASS.............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	KWPAON	OTHER NONDURABLE.............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
23	KWPAMI	MINING.......................	-.669	-.669	-.669	-.669	-.669	-.669	-.669	-.669	-.669	-.669
24	KWPACS	CONSTRUCTION.................	-.362	-.362	-.362	-.362	-.362	-.362	-.362	-.362	-.362	-.362
25	KWPATR	TRADE........................	-.615	-.615	-.615	-.615	-.615	-.615	-.615	-.615	-.615	-.615
26	KWPASV	SERVICES.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
27	KWPABK	BANKING......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	KWPANB	NONBANKING...................	-.040	-.040	-.040	-.040	-.040	-.040	-.040	-.040	-.040	-.040
29	KWPATN	TRANSPORTATION...............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	KWPACN	COMMUNICATION................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
31	KWPAPU	PUBLIC UTILITIES.............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
32	KWPAAF	AGRI SERV, FOREST, FISHERY..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
33	KWPASL	GOVERNMENT--STATE AND LOCAL.	-.194	-.194	-.194	-.194	-.194	-.194	-.194	-.194	-.194	-.194
34	KWPAFC	--FEDERAL CIVILIAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
35	KWPAFS	--FEDERAL MILITARY	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

TAB. 17.30 CONSTANT ADJUSTMENTS -- (CONTINUED)
BY SELECTED SECTOR

LABEL			1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2		INCOME SECTOR										
3												
4	KTPY	TOTAL PERSONAL................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5	KDPY	PERSONAL DISPOSABLE...........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
6	KFPPY	FARM PROPRIETORS'............	.000	.000	.000	.000	-.035	-.035	-.035	-.035	-.035	-.035
7	KNFPPY	NONFARM PROPRIETORS'..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KOLPY	OTHER LABOR...................	.000	.000	.000	.000	-.074	-.074	-.074	-.074	-.074	-.074
9	KDIRPY	DIVIDEND, INTEREST, RENT......	.000	.000	.000	.000	-.429	-.429	-.429	-.429	-.429	-.429
10	KTPPY	TRANSFER PAYMENT..............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KSIPPY	SOCIAL INSURANCE PAYMENTS.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12	KPYRAJ	RESIDENCE ADJUSTMENT..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13												
14		PUBLIC (TAX) SECTOR										
15												
16	KPYTX	ALABAMA INDIVIDUAL INCOME	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
17	KCYTX	ALABAMA CORPORATE INCOME	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
18	KSALTX	SALES.........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
19	KSUTX	USE...........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	KUTLTX	UTILITY.......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
21	KGASTX	GAS...........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	KOTHTX	OTHER.........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
23												
24												
25		FINANCE SECTOR										
26												
27	KCBDSA	COMM BANK TIME & SAVINGS DEP..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	KSSLTO	SAVINGS IN S & L'S............	.000	.000	.000	.000	.000	-.466	-.466	-.466	-.466	-.466
29	KCBDDD	COMM BANK DEMAND DEPOSITS.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30												

TAB. 17.30 CONSTANT ADJUSTMENTS -- (CONTINUED) BY SELECTED SECTOR

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2		INCOME SECTOR										
3												
4	KTPY	TOTAL PERSONAL.................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5	KDPY	PERSONAL DISPOSABLE...........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
6	KFPPY	FARM PROPRIETORS'............	-.035	-.035	-.035	-.035	-.035	-.035	-.035	-.035	-.035	-.035
7	KNFPPY	NONFARM PROPRIETORS'..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KOLPY	OTHER LABOR....................	-.074	-.074	-.074	-.074	-.074	-.074	-.074	-.074	-.074	-.074
9	KDIRPY	DIVIDEND, INTEREST, RENT......	-.429	-.429	-.429	-.429	-.429	-.429	-.429	-.429	-.429	-.429
10	KTPPY	TRANSFER PAYMENT..............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KSIPPY	SOCIAL INSURANCE PAYMENTS.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12	KPYRAJ	RESIDENCE ADJUSTMENT..........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13												
14		PUBLIC (TAX) SECTOR										
15												
16	KPYTX	ALABAMA INDIVIDUAL INCOME	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
17	KCYTX	ALABAMA CORPORATE INCOME	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
18	KSALTX	SALES..........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
19	KSUTX	USE............................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	KUTLTX	UTILITY........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
21	KGASTX	GAS............................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	KOTHTX	OTHER..........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
23												
24												
25		FINANCE SECTOR										
26												
27	KCBDSA	COMM BANK TIME & SAVINGS DEP..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	KSSLTO	SAVINGS IN S & L'S............	.000	-.466	-.466	-.466	-.466	-.466	-.466	-.466	-.466	-.466
29	KCBDDD	COMM BANK DEMAND DEPOSITS.....	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30												

TAB. 17.40 CONSTANT ADJUSTMENTS -- (CONTINUED)
BY SELECTED SECTOR

	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1												
2		RETAIL TRADE										
3												
4	KRTFD	FOOD...........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5	KRTGS	GENERAL STORES.................	.000	.000	.000	.000	.085	.085	.085	.085	.085	.085
6	KRTGM	GENERAL MERCHANDISE............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
7	KRTAPP	APPAREL........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KRTFUR	FURNITURE......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
9	KRTAU	AUTOMOTIVE.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	KRTGAS	GASOLINE.......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KRTLUM	LUMBER.........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12	KRTHW	HARDWARE.......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13	KRTEPL	EATING PLACES..................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
14	KRTDST	DRUG STORES....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
15	KRTAOR	ALL OTHER RETAIL...............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
16	KRTNUC	RETAIL TRADE,NON RETAIL.......	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
17												
18		ENERGY SECTOR										
19												
20	KTLECB	TOTAL ENERGY CONSUMED (USA)...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
21	K2GTTB	TOTAL ENERGY CONSUMED (ALA)...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	K2REPP	ELECTRICITY--RESIDENTIAL......	.000	.000	.000	.000	.000	.000	-.429	-.244	-.293	-.293
23	K2CEPP	--COMMERCIAL.......	.000	.000	.000	.000	.000	-.188	-.236	-.361	-.361	-.361
24	K2IEPP	--INDUSTRIAL.......	.000	.000	.000	.000	.000	-1.719	-1.719	-1.719	-1.719	-1.719
25	K2GCLP	COAL CONSUMED..................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
26	K2RNGP	NATURAL GAS USE--RESIDENTIAL..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
27	K2CNGP	--COMMERCIAL...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	K2INGP	--INDUSTRIAL...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
29												
30		MISCELLANEOUS										
31												
32	KUER	UNEMPLOYMENT RATE.............	.000	.000	.000	.000	.000	.000	-2.833	.000	.000	.000
33	KGCPC	GASOLINE CONSUMPTION PER CAP..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
34	KINSOL	LIFE INSURANCE................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
35												

TAB. 17.40 CONSTANT ADJUSTMENTS -- (CONTINUED)
BY SELECTED SECTOR

	LABEL		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1												
2		RETAIL TRADE										
3												
4	KRTFD	FOOD..........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5	KRTGS	GENERAL STORES................	.085	.085	.085	.085	.085	.085	.085	.085	.085	.085
6	KRTGM	GENERAL MERCHANDISE...........	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
7	KRTAPP	APPAREL.......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8	KRTFUR	FURNITURE.....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
9	KRTAU	AUTOMOTIVE....................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	KRTGAS	GASOLINE......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11	KRTLUM	LUMBER........................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12	KRTHW	HARDWARE......................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13	KRTEPL	EATING PLACES.................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
14	KRTDST	DRUG STORES...................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
15	KRTAOR	ALL OTHER RETAIL..............	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
16	KRTNUC	RETAIL TRADE,NON RETAIL.......	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
17												
18		ENERGY SECTOR										
19												
20	KTLECB	TOTAL ENERGY CONSUMED (USA)...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
21	K2GTTB	TOTAL ENERGY CONSUMED (ALA)...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
22	K2REPP	ELECTRICITY--RESIDENTIAL......	.000	.000	-.429	-.244	-.293	-.293	-.293	-.293	-.293	-.293
23	K2CEPP	--COMMERCIAL.......	.000	-.188	-.236	-.361	-.361	-.361	-.361	-.361	-.361	-.361
24	K2IEPP	--INDUSTRIAL.......	.000	-1.719	-1.719	-1.719	-1.719	-1.719	-1.719	-1.719	-1.719	-1.719
25	K2GCLP	COAL CONSUMED.................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
26	K2RNGP	NATURAL GAS USE--RESIDENTIAL..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
27	K2CNGP	--COMMERCIAL...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	K2INGP	--INDUSTRIAL...	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
29												
30		MISCELLANEOUS										
31												
32	KUER	UNEMPLOYMENT RATE.............	.000	.000	-2.833	.000	.000	.000	.000	.000	.000	.000
33	KGCPC	GASOLINE CONSUMPTION PER CAP..	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
34	KINSOL	LIFE INSURANCE................	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
35												

APPENDIX B
THE MODEL'S EQUATIONS

This chapter consists of an equation-by-equation presentation of the Alabama Econometric Model.

With respect to the model as a whole, variables fall into two classes: (1) endogenous variables, whose values are determined by the model, and (2) exogenous variables, whose values are not determined by the model. A variable which appears on the left side of any equation is endogenous to the model. Frequently, however, the left-side variable of one equation appears among the right-side variables of another equation. Such a case is an example of feedback or interaction among equations. Because feedback is so important to the approach adopted here, instances of it have been highlighted. This is accomplished by referring to endogenous variables by name in all capitals (e.g., ALABAMA DISPOSABLE INCOME (ADPY)) wherever they appear in the model.

The equations fall into two classes: (1) behavioral equations, and (2) identities. Behavioral equations express, on an industry-by-industry (or category-by-category) level, complex relationships between various economic concepts, e.g., between output and income, or employment and real wage rates. The accurate expression of these relationships requires the estimation of coefficients, which in turn requires decisions about variable transformation, time lags, and estimation techniques.

Identities involve simple relationships, such as the aggregation of sectors by summing the relevant endogenous variables or the computation of products or quotients. Coefficients play no direct part in identities and no statistical estimation is required.

In the presentation of the model, behavioral equations are associated with the phrase "is a function of," whereas identities are associated with either "is identified as," or "is computed as."

In the case of a behavioral equation, four types of information are provided: (1) the mathematical statement of the equation, (2) the numerical values of the estimated coefficients and their associated standard deviations, (3) six statistics useful in evaluating the equation, and (4) the time period used in the estimation.

The mathematical statement of the equation uses mnemonic variable names, the standard arithmetic operators (=,+,-,*,), and some or all of the following symbols and abbreviations:

(1) EXP ( )-denoting the exponential function

(2) LOG ( )-denoting the natural logarithmic function

(3) [1]-denoting a time lag of 1 year

(4) An *n*-denoting a coefficient where *n* = 1,2 3, etc.

The numerical values of the coefficients are associated with the appropriate right-side variable via their coefficient symbols (A1, A2, etc.). Taking the ratio of a coefficient estimate to its associated standard deviation provides the familiar t-statistic. The larger the absolute value of "t", the greater the confidence that can be placed in the numerical value of the estimated coefficient.

The evaluative statistics are all based on the residuals, or errors of prediction, associated with a particular set of estimated coefficients. A residual is the difference between the actual value of the left-side variable and the value calculated for it using the equation and its estimated coefficients. There is one residual for each year used in the estimation. The six statistics are:

(1) R2 denoting Multiple R-square, essentially the square of the correlation between the actual values of the left-side variable and the values calculated for it on the basis of the equation. Values of R2 approaching 1.00 indicate better fitting equations.

(2) R2C denoting the corrected (reduced) Multiple R-square, which compensates for the number of right-side variables in the equation.

(3) DW denoting the Durbin-Watson statistic which indicates the likelihood of first order autocorrelation among the residuals of the estimation. Values of DW close to 2.00 indicate the desired absence of autocorrelated residuals.

(4) RHO denoting the first order autoregressive coefficient (rho) calculated from the residuals. Values of

RHO approaching 0.00 are desired, indicating weaker autocorrelation.

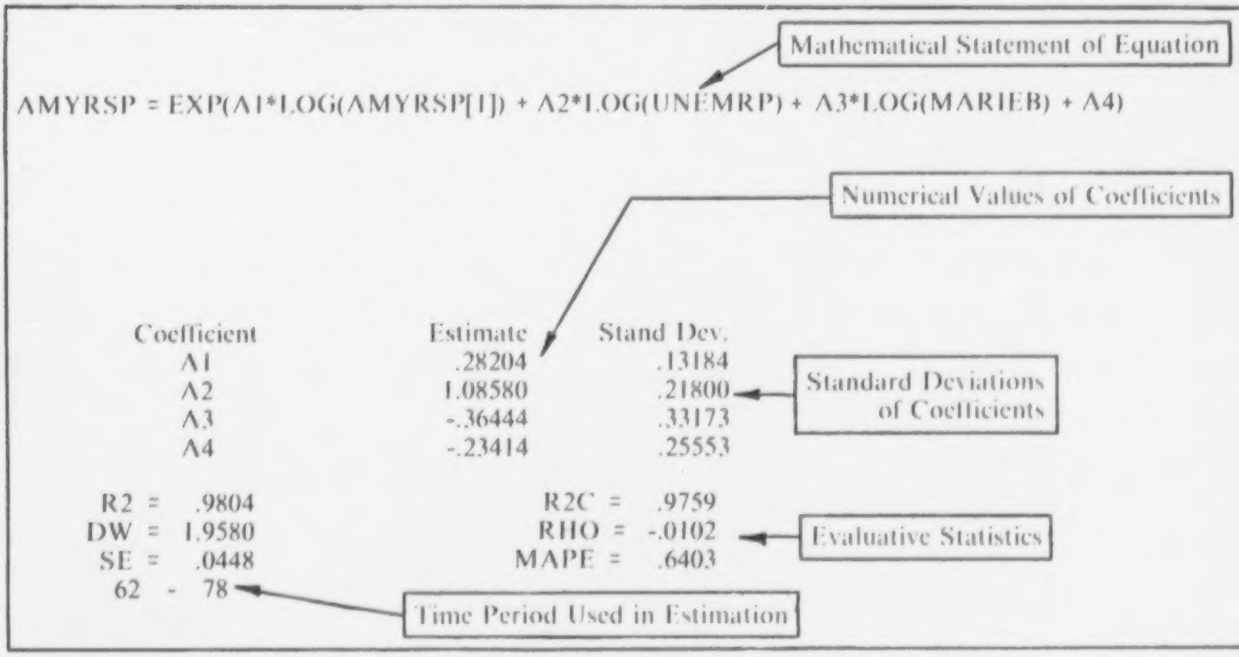
(5) SE — denoting the standard error of the residuals of the estimation. Small values of SE are desired.

(6) MAPE — denoting the Mean Absolute Percentage Error; that is, the average percentage of error without regard to the sign of the residuals. Small values of MAPE, obviously, are desired.

The time period used in the estimation varies from equation to equation due to varying availability of data. Whenever possible, twenty-one years (58-78) were utilized.

In the case of identities, since no statistical estimation is required, only the mathematical statement of the equation is provided.

The following figure serves as a guide to the presentation of the behavioral equations.


Mathematical Statement of Equation

AMYRSP = EXP(A1*LOG(AMYRSP[1]) + A2*LOG(UNEMRP) + A3*LOG(MARIEB) + A4)

Numerical Values of Coefficients

Coefficient	Estimate	Stand Dev.
A1	.28204	.13184
A2	1.08580	.21800
A3	-.36444	.33173
A4	-.23414	.25553

Standard Deviations of Coefficients

R2 = .9804
DW = 1.9580
SE = .0448
62 - 78

R2C = .9759
RHO = -.0102
MAPE = .6403

Evaluative Statistics
Time Period Used in Estimation

The left-side (endogenous) variable, AMYRSP, is shown to be a function of: (1) AMYRSP[1], (i.e., the same variables appear in their natural logarithmic transformations (LOG). The appearance of the exponential transformation (EXP) indicates that, in the estimation of the equation, the left-side variable was transformed also (i.e., in general, x = EXP(LOG(Y)) is equivalent to LOG(X) = LOG(Y)).

The estimated coefficient, 1.08580, is seen to be associated via the symbol, A2, with the variable, UNEMRP. The ratio of this coefficient to its standard deviation (.21800) produces a t-statistic appraoching 5.0, indicating a very reliable estimate.

The evaluative statistics for this equation show that the equation as a whole should perform well. R2 (.9804) is near its optimum value of 1.00. R2C (.9759) shows only slight shrinkage from R2. DW (1.9580) is near 2.00, indicating that true autocorrelation among the residuals is unlikely (however the DW statistic itself has reduced validity in the case of lagged left-side variables—AMYRSP[1], in this case). RHO (-.0102) is close to 0.00. SE (.0448) and MAPE (.6403 percent) are small.

The time period used in the estimation (62-78) is the seventeen years from 1962 to 1978 inclusive.

```
EQUATION AINSOL  VERSION 1       IN FILE EQ82        L.UPD: 073082/1223 51

ORDINARY LIFE INSURANCE SALES -- CURRENT $ (BILLIONS)  TABLE 8.00

OLS  ESTIMATION

AINSOL = EXP(
  A1 * LOG(ADPY)
+ A2 * LOG(AINSOL[1])
+ A3 * LOG(UFRCP4)
+ A4 )
+ KINSOL

         COEFFICIENT         ESTIMATE        STAND.DEV.

              A1               .25434            .20877
              A2               .83409            .19526
              A3              -.05775            .03090
              A4              -.26070            .37413


         R2=      .9979                    R2C=      .9971
         DW=     2.8086                    RHO=     -.4233
         SE=      .0235                    MAPE=    1.1078

         69    - 80
```

```
EQUATION ACBDSA  VERSION 4       IN FILE EQ82       L.UPD: 092282/1010 24

COMMERCIAL BANK TIME & SAVINGS DEPOSITS -- CURRENT $ (BILLIONS)  TABLE 8.00

OLS  ESTIMATION WITH OPTION H


ACBDSA = EXP(
  A1 * LOG(ADPY)
+ A2 * LOG(ACBDSA[1])
+ A3 )
+ KCBDSA

         COEFFICIENT          ESTIMATE         STAND.DEV.

              A1                .73407            .40690
              A2                .46116            .29754
              A3              -1.08404            .67725


         R2=      .5746                     R2C=      .4801
         DW=    1.0316                      RHO=      .4678
         SE=      .0438                     MAPE=   10.6565

         69    - 80
```

```
EQUATION ASSLTO  VERSION 4       IN FILE EQ82        L.UPD: 092282/1007 47

SAVINGS IN SAVINGS & LOAN -- CURRENT $ (BILLIONS)  TABLE 8.00

OLS  ESTIMATION


ASSLTO = EXP(
  A1 * LOG(ADPY)
+ A2 * LOG(ASSLTO[1])
+ A3 * LOG(UFRTPE)
+ A4 )
+ KSSLTO

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              1.06630               .83611
              A2               .21962               .56022
              A3              -.37193              1.13726
              A4             -1.55769              1.33431


         R2=      .9916                  R2C=      .9884
         DW=      .8997                  RHO=      .4767
         SE=      .0538                  MAPE=  20.1947

         69    - 80
```

```
EQUATION ACBDDD  VERSION 1       IN FILE EQ82       L.UPD: 073082/1233 20

COMMERCIAL BANK DEMAND DEPOSITS -- CURRENT $ (BILLIONS)  TABLE  8.00

OLS  ESTIMATION WITH OPTION H


ACBDDD = EXP(
  A1 * LOG(ADPY)
+ A2 * LOG(ACBDDD[1])
+ A3 * UCBR
+ A4 )
+ KCBDDD

          COEFFICIENT         ESTIMATE          STAND.DEV.

               A1               .23033             .09261
               A2               .70900             .13552
               A3             -.04068             .00667
               A4               .17690             .06775


          R2=      .9993                   R2C=      .9990
          DW=     2.1475                   RHO=     -.1389
          SE=      .0257                   MAPE=    1.3989

          69     - 80
```

```
EQUATION ATRSP   VERSION          IN FILE EQ82        L.UPD: 071282/1320 17

TOTAL OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


 ATRSP = AMFRSP + ACSRSP + AMIRSP + ATRRSP + ASVRSP + AFIRSP +
 ATURSP + ASLGRP + AFDGRP + AFMRSP


EQUATION AMFRSP  VERSION          IN FILE EQ82        L.UPD: 071282/1321 03

MANUFACTURING OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


 AMFRSP = ADMRSP + ANMRSP


EQUATION ADMRSP  VERSION          IN FILE EQ82        L.UPD: 071282/1321 16

DURABLE OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


 ADMRSP = ALURSP + AFURSP + APMRSP + AFPRSP + AMYRSP + AELRSP +
 AATRSP + ASCRSP + AODRSP
```

```
EQUATION ALURSP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1304 07

LUMBER OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


ALURSP = EXP(
  A1 * LOG(ULUMRP)
+ A2 * LOG(MARIEB)
+ A3 * LOG(ALURSP[1])
+ A4 )
+ KLURSP

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1              .87918            .21145
              A2            -1.42186            .48305
              A3              .41018            .13324
              A4            -3.03162            .68083


         R2=      .9369                  R2C=     .9234
         DW=     2.2682                  RHO=    -.2591
         SE=      .0728                  MAPE=    .0000

         63    - 80
```

```
EQUATION AFURSP  VERSION 1       IN FILE EQ82        L.UPD: 071282/1216 50

FURNITURE OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


AFURSP = EXP(
  A1 * LOG(UFURRP)
+ A2 * LOG((UWADM-AWADM)/UGNPDF)
+ A3 * LOG(ARKXOD[1])
+ A4 )
+ KFURSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               1.46733              .27805
              A2                .26010              .20836
              A3                .10370              .05873
              A4              -4.23933              .86680


         R2=       .9476                  R2C=      .9372
         DW=      1.2836                  RHO=      .2774
         SE=       .0910                  MAPE=     .0000

         62     - 80
```

```
EQUATION APMRSP  VERSION 1       IN FILE EQ82       L.UPD: 071282/1216 53

PRIMARY METAL OUTPUT --  CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


APMRSP = EXP(
  A1 * LOG(UPMTRP)
+ A2 * LOG(ARKXPM[3])
+ A3 * TIME
+ A4 )
+ KPMRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .53526              .13967
              A2                .03120              .03132
              A3                .02721              .00245
              A4              -2.66316              .50563


         R2=      .9243                   R2C=      .9037
         DW=     1.1548                   RHO=      .3991
         SE=      .0399                   MAPE=     .0000

         64     - 78
```

```
EQUATION AFPRSP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1304 11

FABRICATED METAL OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


AFPRSP = EXP(
  A1 * LOG(UFMTRP)
+ A2 * LOG(ARKXFP[1])
+ A3 * LOG(ARKXFP[2])
+ A4 )
+ KFPRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               1.24980              .26158
              A2                .18316              .06387
              A3                .16379              .06077
              A4              -6.22961              .64241


         R2=      .9224                    R2C=      .9057
         DW=      .9324                    RHO=      .5281
         SE=      .1057                    MAPE=     .0000

         63     - 80
```

```
EQUATION AMYRSP  VERSION 1       IN FILE EQ82        L.UPD: 071282/1216 58

NONELECTRICAL MACHINERY OUTPUT -- CONSTANT 72 $ (MILLIONS)  TABLE 2.00


OLS  ESTIMATION


AMYRSP = EXP(
  A1 * LOG(AMYRSP[1])
+ A2 * LOG(UNEMRP)
+ A3 * LOG(MARIEB)
+ A4 )
+ KMYRSP

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .25313             .10900
              A2              1.11613             .17238
              A3              -.22327             .30847
              A4             -5.33989             .79181


         R2=      .9855                    R2C=      .9822
         DW=     2.0384                    RHO=     -.0456
         SE=      .0418                    MAPE=     .0000

         62    - 78
```

```
EQUATION AELRSP  VERSION 1       IN FILE EQ82       L.UPD: 072882/1304 17

ELECTRICAL MACHINERY OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


AELRSP = EXP(
  A1 * LOG(UEMARP)
+ A2 * LOG(ARKXEL[1])
+ A3 * LOG(ARKXEL[2])
+ A4 * TIME
+ A5 * LOG(AWPADM/UWPADM)
+ A6 )
+ KELRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .48407              .15787
              A2               .05173              .03401
              A3               .06693              .03363
              A4               .07496              .01040
              A5             -1.37658             1.01155
              A6             -6.04039              .38124


         R2=     .9936                      R2C=      .9909
         DW=    1.8938                      RHO=     -.1101
         SE=     .0561                      MAPE=     .0000

         63     - 80
```

```
EQUATION AATRSP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1304 24

ALL TRANSPORTATION EQUIPMENT OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


AATRSP = EXP(
  A1 * LOG(UMTVRP+UNOMRP)
+ A2 * LOG(ARKXAT[1])
+ A3 * LOG(AWPADM/UWPADM)
+ A4 )
+ KATRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .46760              .41784
              A2                .22934              .09180
              A3              -2.66100             2.08357
              A4              -4.18235             1.46833


         R2=      .7636                      R2C=      .7129
         DW=     1.5811                      RHO=      .1648
         SE=      .1434                      MAPE=     .0000

         63     - 80
```

```
EQUATION ASCRSP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1304 31

STONE, CLAY, AND GLASS OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


ASCRSP = EXP(
  A1 * LOG(USCGRP)
+ A2 * LOG(AWPADM/UWPADM)
+ A3 * TIME
+ A4 * LOG(ACSRSP)
+ A5 )
+ KSCRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .69219             .18156
              A2             -.57442             .47435
              A3               .02607             .00336
              A4               .30889             .08433
              A5             -4.35961             .33967


         R2=      .9884                    R2C=      .9848
         DW=     2.0112                    RHO=     -.0302
         SE=      .0290                    MAPE=     .0000

         63     - 80
```

```
EQUATION AODRSP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1304 36

OTHER DURABLE OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


AODRSP = EXP(
  A1 * LOG(AODRSP[1])
+ A2 * VNWDUM
+ A3 * TIME
+ A4 )
+ KODRSP

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .41422             .12143
              A2               .07236             .12885
              A3              -.01370             .01036
              A4             -1.10999             .52339


         R2=      .6550                       R2C=      .5860
         DW=     1.6035                       RHO=      .1945
         SE=      .1899                       MAPE=     .0000

         62    - 80
```

```
EQUATION ANMRSP  VERSION        IN FILE EQ82       L.UPD: 071282/1321 28

NONDURABLE OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


 ANMRSP = AFDRSP + ATXRSP + AAPRSP + APARSP + APTRSP +
 ACHRSP + ARBRSP + AONRSP
```

```
EQUATION AFDRSP  VERSION 1       IN FILE EQ82        L.UPD: 071282/1218 21

FOOD OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


AFDRSP = EXP(
  A1 * LOG(AFDRSP[1])
+ A2 * LOG(UFDBRP)
+ A3 )
+ KFDRSP

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .55432             .13378
              A2               .60675             .20745
              A3             -2.50149             .84352


         R2=      .9831                  R2C=      .9808
         DW=     1.9287                  RHO=     -.0096
         SE=      .0291                  MAPE=     .0000

         63     - 80
```

```
EQUATION ATXRSP  VERSION 1       IN FILE EQ82        L.UPD: 071282/1218 25

TEXTILE OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


ATXRSP = EXP(
  A1 * LOG(UTEXRP)
+ A2 * LOG((UWANM-AWANM)/UGNPDF)
+ A3 * LOG (ARKXTX[1])
+ A4 )
+ KTXRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1              1.23050              .07582
              A2               .37170              .09984
              A3               .10038              .04438
              A4             -2.13611              .48170


        R2=      .9640                     R2C=      .9563
        DW=     1.5913                     RHO=      .1998
        SE=      .0508                     MAPE=     .0000

        63    - 80
```

```
EQUATION AAPRSP  VERSION 1       IN FILE EQ82       L.UPD: 071282/1218 30

APPAREL OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION WITH OPTION H


AAPRSP = EXP(
  A1 * LOG(AAPRSP[1])
+ A2 * LOG(UAPRRP)
+ A3 * LOG(MARIEB)
+ A4 )
+ KAPRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .69358              .06932
              A2                .38829              .13075
              A3                .27368              .23089
              A4              -1.10578              .35375


         R2=      .9930                    R2C=      .9916
         DW=     2.2864                    RHO=     -.1620
         SE=      .0412                    MAPE=     .0000

         62    - 80
```

```
EQUATION APARSP  VERSION 1       IN FILE EQ82        L.UPD: 081282/0000 27

PAPER OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


APARSP = EXP(
  A1 * LOG(UPAPRP)
+ A2 * LOG(ARKXPA[1])
+ A3 )
+ KPARSP

         COEFFICIENT           ESTIMATE          STAND.DEV.

              A1                1.45440             .08295
              A2                 .12036             .02677
              A3               -5.01415             .16610


         R2=      .9745                     R2C=      .9711
         DW=     1.6124                     RHO=      .0471
         SE=      .0607                     MAPE=     .0000

         63     - 80
```

```
EQUATION APTRSP  VERSION 1       IN FILE EQ82        L.UPD: 081282/0003 03

PRINTING & PUBLISHING OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


APTRSP = EXP(
  A1 * LOG(UPRTRP)
+ A2 * LOG((UWANM-AWANM)/UGNPDF)
+ A3 * LOG(ARKXPT[1])
+ A4 )
+ KPTRSP

         COEFFICIENT        ESTIMATE         STAND.DEV.

              A1             2.28101            .25310
              A2              .30213            .15827
              A3              .14031            .08282
              A4            -7.18306           1.08024


         R2=      .9434                  R2C=      .9304
         DW=     1.4341                  RHO=      .2382
         SE=      .0676                  MAPE=     .0000

         64    - 80
```

```
EQUATION ACHRSP  VERSION 1       IN FILE EQ82        L.UPD: 071282/1223 43

CHEMICAL OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


ACHRSP = EXP(
  A1 * LOG(UCHMRP)
+ A2 * LOG(ARKXCH[1])
+ A3 )
+ KCHRSP

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1             1.16481            .07322
              A2              .05342            .02945
              A3            -5.20898            .15525


         R2=      .9745                  R2C=     .9713
         DW=      .7973                  RHO=     .6103
         SE=      .0666                  MAPE=    .0000

         62     - 80
```

```
EQUATION ARBRSP  VERSION 1       IN FILE EQ82       L.UPD: 071282/1223 47

RUBBER & PLASTIC OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


ARBRSP = EXP(
  A1 * LOG(URUBRP)
+ A2 )
+ KRBRSP

         COEFFICIENT       ESTIMATE        STAND.DEV.

              A1             1.69747             .11878
              A2            -5.35852             .25910


         R2=      .9316                 R2C=      .9270
         DW=      .8569                 RHO=      .5318
         SE=      .1076                 MAPE=     .0000

         64    - 80
```

```
EQUATION AONRSP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1304 43

OTHER NONDURABLE OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


AONRSP = EXP(
  A1 * TIME
+ A2 * LOG(AWANM/UWANM)
+ A3 )
+ KONRSP

         COEFFICIENT         ESTIMATE        STAND.DEV.

              A1               .04657            .00859
              A2             -4.09256           2.16850
              A3             -4.76287            .42200


         R2=       .6824                   R2C=       .6371
         DW=      2.3255                   RHO=     -.2203
         SE=       .1699                   MAPE=      .0000

         64     - 80
```

```
EQUATION ACSRSP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1304 48

CONSTRUCTION OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


ACSRSP = EXP(
  A1 * LOG(ATRSP)
+ A2 * LOG(UMORTR)
+ A3 * LOG(ACSRSP[1])
+ A4 )
+ KCSRSP

         COEFFICIENT         ESTIMATE        STAND.DEV.

              A1               .99832            .14528
              A2             -.75387            .11531
              A3               .34567            .12230
              A4            -1.32088            .29536


         R2=      .9475                    R2C=      .9387
         DW=     1.8704                    RHO=      .0007
         SE=      .0464                    MAPE=     .0000

         59    - 80
```

```
EQUATION AMIRSP  VERSION 1        IN FILE EQ82        L.UPD: 080482/1056 49

MINING OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

OLS  ESTIMATION


AMIRSP = EXP(
  A1 * LOG(AMIRSP[1])
+ A2 * LOG(A2REPP+A2CEPP+A2IEPP)
+ A3 )
+ KMIRSP

           COEFFICIENT          ESTIMATE          STAND.DEV.

                A1                .57750              .30172
                A2               1.01860              .51834
                A3              -4.44677             2.28037


           R2=      .7220                      R2C=      .6525
           DW=     2.0936                      RHO=     -.0791
           SE=      .1654                      MAPE=     .0000

           70     - 80
```

```
EQUATION ATRRSP  VERSION 1       IN FILE EQ82       L.UPD: 072882/1304 54

TRADE OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

OLS  ESTIMATION


ATRRSP = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(ARTTSR/UPCDF)
+ A3 )
+ KTRRSP

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1               .71401              .08477
              A2               .34779              .08809
              A3              3.27587              .03886


         R2=       .9971                      R2C=       .9968
         DW=      1.3230                      RHO=       .2964
         SE=       .0165                      MAPE=     2.0509

         58     - 80
```

```
EQUATION ASVRSP  VERSION 1        IN FILE EQ82        L.UPD: 072882/1305 01

SERVICE OUTPUT -- CONSTANT 72 $ (BILLIONS) TABLE 2.00

OLS  ESTIMATION


ASVRSP = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(ASVRSP[1])
+ A3 )
+ KSVRSP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .46575             .12408
              A2               .40067             .15188
              A3              1.29510             .33414


         R2=      .9909                     R2C=      .9900
         DW=     1.2720                     RHO=      .3521
         SE=      .0215                     MAPE=    4.5416

         59     - 80
```

```
EQUATION AFIRSP  VERSION         IN FILE EQ82        L.UPD: 072882/1314 51

FINANCE, INSURANCE & REAL ESTATE OUTPUT -- CONSTANT 72 $ (BILLIONS)
   TABLE 2.00

 AFIRSP = ARSPBK+ARSPNB


EQUATION ARSPBK  VERSION 1       IN FILE EQ82        L.UPD: 080482/1248 38

BANKING OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00


OLS  ESTIMATION


ARSPBK = EXP(
  A1 * LOG((ASSLTO+ACBDDD+ACBDSA)/UGNPDF)
+ A2 * TIME
+ A3 )
+ KRSPBK

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1              .41075              .22274
              A2              .04212              .01155
              A3            -.77030              .82076


         R2=      .9656                  R2C=     .9580
         DW=      .9767                  RHO=     .5062
         SE=      .0470                  MAPE=    .0000

         69     - 80
```

```
EQUATION ARSPNB  VERSION 1       IN FILE EQ82        L.UPD: 080482/1251 00

NONBANKING OUTPUT -- CONSTANT 72 $ (BILLIONS) TABLE 2.00

OLS  ESTIMATION WITH OPTION H


ARSPNB = EXP(
  A1 * LOG((ASSLTO+AINSOL)/UGNPDF)
+ A2 )
+ KRSPNB

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .81453              .03559
              A2               2.84234              .10967


         R2=       .9804                  R2C=       .9785
         DW=      1.8261                  RHO=       .0000
         SE=       .0252                  MAPE=     7.8800

         69     - 80


EQUATION ATURSP  VERSION         IN FILE EQ82        L.UPD: 072882/1314 55

TRANSPORTATION, COMMUNICATION & PUBLIC UTILITIES OUTPUT  -- CONSTANT 72 $
   TABLE 2.00


ATURSP = ARSPTN+ARSPCN+ARSPPU
```

```
EQUATION ARSPTN  VERSION 1       IN FILE EQ82        L.UPD: 072882/1305 19

TRANSPORTATION OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

OLS  ESTIMATION WITH OPTION H


ARSPTN = EXP(
  A1 * LOG(UTNRDP)
+ A2 * LOG(ADPY/UGNPDF)
+ A3 )
+ KRSPTN

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1                .85428              .23040
              A2                .19832              .15323
              A3              -3.26290             1.19628


         R2=     .9509                    R2C=      .9400
         DW=    1.6712                    RHO=      .0816
         SE=     .0247                    MAPE=     .0000

         69    - 80
```

```
EQUATION ARSPCN  VERSION 1       IN FILE EQ82        L.UPD: 072882/1305 28

COMMUNICATION OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

OLS  ESTIMATION WITH OPTION H


ARSPCN = EXP(
  A1 * LOG(UCNRDP)
+ A2 * LOG(ADPY/UGNPDF)
+ A3 )
+ KRSPCN

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1                .93710             .17087
               A2               1.01917             .31583
               A3              -2.00831            1.28415


          R2=      .9961                   R2C=      .9952
          DW=     1.4866                   RHO=      .2110
          SE=      .0221                   MAPE=     .0000

          69    - 80
```

```
EQUATION ARSPPU  VERSION 1       IN FILE EQ82        L.UPD. 072882/1305 36

PUBLIC UTILITIES OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

OLS  ESTIMATION


ARSPPU = EXP(
  A1 * LOG(UPURDP)
+ A2 * LOG(ADPY/UGNPDF)
+ A3 )
+ KRSPPU

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1             1.02514           .63663
              A2              .56131           .46820
              A3            -3.56034          3.17107


         R2=      .9615                 R2C=      .9530
         DW=     1.9742                 RHO=      .0118
         SE=      .0426                 MAPE=     .0000

         69    - 80
```

```
EQUATION AGVRSP  VERSION          IN FILE EQ82        L.UPD: 071282/1321 41

GOVERNMENT OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

 AGVRSP = ASLGRP + AFDGRP


EQUATION ASLGRP  VERSION 1        IN FILE EQ82        L.UPD: 072882/1305 42

STATE AND LOCAL GOVERNMENT OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

OLS  ESTIMATION


ASLGRP = EXP(
  A1 * LOG(ATOTTX/UGNPDF)
+ A2 * LOG(ATPOP)
+ A3 * LOG(ASLGRP[1])
+ A4 )
+ KSLGRP

           COEFFICIENT           ESTIMATE           STAND.DEV.

                A1                .16367              .05564
                A2               1.19362              .34527
                A3                .59503              .09340
                A4              -1.77568              .44875


           R2=      .9962                       R2C=      .9955
           DW=     1.8635                       RHO=      .0520
           SE=      .0197                       MAPE=    7.9945

           59    - 80
```

```
EQUATION AFDGRP  VERSION 1        IN FILE EQ82        L.UPD: 072882/1305 49

FEDERAL GOVERNMENT OUTPUT -- CONSTANT 72 $ (BILLIONS)  TABLE 2.00

OLS  ESTIMATION


AFDGRP = EXP(
  A1 * LOG(AFDGRP[1])
+ A2 * LOG(UGRDP)
+ A3 * LOG(ATPOP)
+ A4 * TIME
+ A5 )
+ KFDGRP

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              .45606            .23213
              A2              .38042            .22238
              A3             1.03850            .45573
              A4             -.01904            .00833
              A5            -2.68559           1.28135


         R2=      .6785                   R2C=      .6028
         DW=     1.6223                   RHO=     -.0207
         SE=      .0209                   MAPE=    7.3772

         59    - 80
```

```
EQUATION AFMRSP  VERSION 1        IN FILE EQ82         L.UPD: 072882/1305 55

FARMING OUTPUT -- CONSTANT 72 $ (BILLIONS) TABLE 2.00

OLS  ESTIMATION


AFMRSP = EXP(
  A1 * LOG(AFMRSP[1])
+ A2 * LOG(AFMRSP[2])
+ A3 )
+ KFMRSP

         COEFFICIENT          ESTIMATE         STAND.DEV.

              A1               .81928             .30127
              A2             -.50357             .31574
              A3             -.48803             .20705


         R2=       .4511                     R2C=      .3291
         DW=     1.9447                      RHO=      .0202
         SE=       .1316                     MAPE=     .0000

         69     - 80


EQUATION AETO    VERSION          IN FILE EQ82         L.UPD: 071282/1321 56

TOTAL EMPLOYMENT -- (THOUSANDS)  TABLE 3.00

 AETO = AWSET + AEPR
```

```
EQUATION AWSET   VERSION         IN FILE EQ82        L.UPD: 071282/1322 06

TOTAL WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


 AWSET = AWSEMF + AWSECS + AWSEMI + AWSETR + AWSESV + AWSEFI +
 AWSETU + AWSESL + AWSEFC + AWSEFS + AWSEAF + AWSEFM


EQUATION AWSENA  VERSION 1       IN FILE EQ82        L.UPD: 071282/1225 38

NONFARM EMPLOYMENT -- (THOUSANDS)


OLS  ESTIMATION


AWSENA = EXP(
  A1 * LOG(AWSET)
+ A2 )
+ KWSENA

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1              1.80028              .17295
              A2             -5.83346             1.24537


         R2=      .9155                   R2C=      .9071
         DW=      .7081                   RHO=      .6203
         SE=      .0467                   MAPE=     .5484

         69    - 80
```

```
EQUATION AWSEMF  VERSION          IN FILE EQ82        L.UPD: 071282/1322 20

MANUFACTURING WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00

 AWSEMF = AWSEDM + AWSENM

EQUATION AWSEDM  VERSION          IN FILE EQ82        L.UPD: 072882/1314 45

DURABLE WAGE & SALARY  EMPLOYMENT -- (THOUSANDS)  TABLE 3.00

 AWSEDM = AWSELU+AWSEFU+AWSEPM+AWSEFB+AWSEMY
 +AWSEEL+AWSETM+AWSESC+AWSEOD
```

```
EQUATION AWSELU  VERSION 1       IN FILE EQ82        L.UPD: 072882/1306 49

LUMBER WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSELU = EXP(
  A1 * LOG(AWSELU[1])
+ A2 * LOG(ALURSP)
+ A3 * LOG(AWPALU/UDMFDF)
+ A4 )
+ KWSELU

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1               .20627             .07797
              A2               .62816             .06720
              A3             -.60371              .12421
              A4              1.71024             .42317


         R2=       .9960                   R2C=       .9945
         DW=      1.9762                   RHO=       .0044
         SE=       .0167                   MAPE=      .2872

         69    - 80
```

```
EQUATION AWSEFU  VERSION 1        IN FILE EQ82        L.UPD: 072882/1306 58

FURNITURE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION


AWSEFU = EXP(
  A1 * LOG(AWSEFU[1])
+ A2 * LOG(AFURSP)
+ A3 * LOG(AFURSP[1])
+ A4 * TIME
+ A5 )
+ KWSEFU

         COEFFICIENT           ESTIMATE          STAND.DEV.

              A1                 .86739              .38603
              A2                1.24078              .43949
              A3                -.49465              .45515
              A4                -.03984              .02180
              A5                3.41843             1.29396


         R2=       .8456                      R2C=       .7574
         DW=      2.2063                      RHO=      -.1337
         SE=       .0812                      MAPE=     2.8389

         69      - 80
```

```
EQUATION AWSEPM  VERSION 1       IN FILE EQ82        L.UPD: 072882/1307 06

PRIMARY METAL WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEPM = EXP(
  A1 * LOG(AWSEPM[1])
+ A2 * LOG(APMRSP)
+ A3 * LOG(AWPAPM/UDMFDF)
+ A4 )
+ KWSEPM

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .49177             .11174
              A2               .86381             .09426
              A3              -.94349             .09307
              A4               .02474             .39649


         R2=       .9994                    R2C=       .9991
         DW=      2.5357                    RHO=      -.2699
         SE=       .0186                    MAPE=      .2151

         69    - 80
```

```
EQUATION AWSEFB  VERSION 1       IN FILE EQ82        L.UPD: 072882/1307 15

FABRICATED METAL WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEFB = EXP(
  A1 * LOG(AWSEFB[1])
+ A2 * LOG(AFPRSP)
+ A3 * LOG(AWPAFB/UDMFDF)
+ A4 )
+ KWSEFB

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .31982              .11023
              A2               .46814              .11303
              A3             -.30508              .26318
              A4              1.94149              .68656


         R2=      .9921                   R2C=      .9892
         DW=     1.6410                   RHO=      .1245
         SE=      .0174                   MAPE=     .4958

         69     - 80
```

```
EQUATION AWSEMY  VERSION 1       IN FILE EQ82        L.UPD: 072882/1307 24

NONELECTRICAL MACHINERY WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEMY = EXP(
  A1 * LOG(AMYRSP)
+ A2 * LOG(AWPAMY/UDMFDF)
+ A3 )
+ KWSEMY

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1              .96633              .13820
              A2            -1.05172              .51553
              A3             1.64627             1.08270


         R2=      .9740                    R2C=      .9682
         DW=     1.5560                    RHO=      .1588
         SE=      .0357                    MAPE=    1.5010

         69    - 80
```

```
EQUATION AWSEEL  VERSION 1       IN FILE EQ82        L.UPD: 072882/1307 34

ELECTRICAL MACHINERY WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEEL = EXP(
  A1 * LOG(AWSEEL[1])
+ A2 * LOG(AELRSP)
+ A3 * LOG(AWPAEL/UDMFDF)
+ A4 )
+ KWSEEL

         COEFFICIENT          ESTIMATE          STAND.DEV.

             A1                 .15002              .10759
             A2                 .80555              .11033
             A3                -.91661              .37600
             A4                1.32730              .94642


         R2=      .9807                     R2C=      .9735
         DW=     1.7741                     RHO=      .0457
         SE=      .0341                     MAPE=    1.2055

         69    - 80
```

```
EQUATION AWSETM  VERSION 1       IN FILE EQ82       L.UPD: 072882/1307 47

ALL TRANSPORTATION EQUIPMENT WAGE & SALARY EMPLOYMENT -- (THOUSANDS)
   TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSETM = EXP(
  A1 * LOG(AATRSP)
+ A2 * LOG(AWPATN/UTNDF)
+ A3 )
+ KWSETM

          COEFFICIENT          ESTIMATE          STAND.DEV.

                A1               .79052              .16178
                A2             -.64892               .46242
                A3             2.44616              1.12844


          R2=       .9223                    R2C=      .9051
          DW=     1.3458                     RHO=      .3212
          SE=       .0510                    MAPE=   11.1792

          69     - 80
```

```
EQUATION AWSESC  VERSION 1       IN FILE EQ82        L.UPD: 072882/1307 58

STONE, CLAY & GLASS WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSESC = EXP(
  A1 * LOG(ASCRSP)
+ A2 * LOG(ASCRSP[1])
+ A3 * LOG(AWPASC/UDMFDF)
+ A4 )
+ KWSESC

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .55985             .06789
              A2               .18965             .08839
              A3              -.77597             .21133
              A4              1.89275             .33467


         R2=      .9991                 R2C=       .9988
         DW=     2.0307                 RHO=      -.0321
         SE=      .0163                 MAPE=      .2797

         69     - 80
```

```
EQUATION AWSEOD  VERSION 1       IN FILE EQ82       L.UPD: 072882/1308 08

OTHER DURABLE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEOD = EXP(
  A1 * LOG(AWSEOD[1])
+ A2 * LOG(AODRSP)
+ A3 * TIME
+ A4 )
+ KWSEOD

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .48550             .15796
              A2               .31596             .15304
              A3               .01916             .00665
              A4              1.28715             .57033


         R2=       .9095                   R2C=       .8756
         DW=      1.7371                   RHO=       .0288
         SE=       .1032                   MAPE=     2.8872

         69     - 80
```

```
EQUATION AWSENM  VERSION        IN FILE EQ82        L.UPD: 072882/1415 23

NONDURABLE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


 AWSENM = AWSEFD+AWSETX+AWSEAP+AWSEPA+AWSEPT
 +AWSECH+AWSERB+AWSEON


EQUATION AWSEFD  VERSION 1      IN FILE EQ82        L.UPD: 072882/1308 18

FOOD WAGE & SALARY  EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEFD = EXP(
  A1 * LOG(AWSEFD[1])
+ A2 * LOG(AFDRSP)
+ A3 * LOG(AWPAFD/UNMFDF)
+ A4 )
+ KWSEFD

        COEFFICIENT         ESTIMATE          STAND.DEV.

             A1              .22391             .20960
             A2              .90151             .21188
             A3            -1.22122             .34136
             A4              .18067            1.19039


        R2=      .9982                  R2C=       .9976
        DW=     1.5522                  RHO=       .2171
        SE=      .0192                  MAPE=      .9527

        69     - 80
```

```
EQUATION AWSETX  VERSION 1       IN FILE EQ82       L.UPD: 072882/1308 29

TEXTILE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSETX = EXP(
  A1 * LOG(ATXRSP)
+ A2 * LOG(ATXRSP[1])
+ A3 * TIME
+ A4 * LOG(AWPATX/UNMFDF)
+ A5 )
+ KWSETX

         COEFFICIENT        ESTIMATE         STAND.DEV.

              A1              .76148             .07030
              A2              .24516             .04927
              A3             -.02471             .00222
              A4             -.47433             .10544
              A5             3.78765             .30050


         R2=      .9999                    R2C=      .9999
         DW=     1.4041                    RHO=      .2031
         SE=      .0140                    MAPE=     .1776

         69     - 80
```

```
EQUATION AWSEAP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1308 37

APPAREL WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEAP = EXP(
  A1 * LOG(AAPRSP)
+ A2 * LOG(AWPAAP/UNMFDF)
+ A3 )
+ KWSEAP

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1              .56079              .08914
              A2            -.30703              .23939
              A3            3.44501              .67053


         R2=      .9954                     R2C=      .9944
         DW=     1.8321                     RHO=     -.0041
         SE=      .0132                     MAPE=     .2758

         69    - 80
```

```
EQUATION AWSEPA  VERSION 1      IN FILE EQ82       L.UPD: 072882/1308 44

PAPER WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION


AWSEPA = EXP(
  A1 * LOG(APARSP)
+ A2 * LOG(AWPAPA/UNMFDF)
+ A3 )
+ KWSEPA

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .42480              .13342
              A2               -.38236              .21195
              A3               2.48675              .34857


         R2=      .9135                    R2C=      .8943
         DW=     2.1770                    RHO=     -.1358
         SE=      .0141                    MAPE=     .3218

         69    - 80
```

```
EQUATION AWSEPT  VERSION 1       IN FILE EQ82       L.UPD: 072882/1308 53

PRINTING & PUBLISHING WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEPT = EXP(
  A1 * LOG(APTRSP)
+ A2 * LOG(AWPAPT/UNMFDF)
+ A3 )
+ KWSEPT

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .62476              .06617
              A2              -.39520              .16764
              A3              2.43473              .31322


         R2=      .9802                    R2C=      .9758
         DW=     1.7850                    RHO=      .0384
         SE=      .0129                    MAPE=     .4442

         69     - 80
```

```
EQUATION AWSECH  VERSION 1       IN FILE EQ82       L.UPD: 072882/1308 56

CHEMICAL WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION


AWSECH = EXP(
  A1 * LOG(ACHRSP)
+ A2 * LOG(AWPACH/UNMFDF)
+ A3 )
+ KWSECH

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .74385             .03812
              A2              -.80132             .07752
              A3              1.74885             .13212


         R2=      .9906                     R2C=      .9885
         DW=     1.6005                     RHO=      .1897
         SE=      .0110                     MAPE=     .2821

         69     - 80
```

```
EQUATION AWSERB  VERSION 1       IN FILE EQ82        L.UPD: 072882/1309 03

RUBBER & PLASTIC WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSERB = EXP(
  A1 * LOG(ARBRSP)
+ A2 * LOG(AWPARB/UNMFDF)
+ A3 )
+ KWSERB

         COEFFICIENT            ESTIMATE          STAND.DEV.

              A1                  .97195              .06731
              A2                -.88396               .13834
              A3                1.84164               .28202


         R2=       .9844                     R2C=       .9809
         DW=      1.2183                     RHO=       .3836
         SE=       .0196                     MAPE=     9.0248

         69     - 80
```

```
EQUATION AWSEON  VERSION 1       IN FILE EQ82        L.UPD: 072882/1309 11

OTHER NONDURABLE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION


AWSEON = EXP(
  A1 * LOG(AWSEON[1])
+ A2 * LOG(AONRSP)
+ A3 * LOG(AONRSP[1])
+ A3 * LOG(AWPAON/UNMFDF)
+ A4 )
+ KWSEON

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .53519             .39855
              A2               .32080             .19247
              A3              -.26976             .14712
              A4              -.48197             .43219
              A5              -.61414             .53890


         R2=      .7942                    R2C=      .6766
         DW=     1.7918                    RHO=      .0615
         SE=      .0900                    MAPE=    4.6939

         69     - 80
```

```
EQUATION AWSECS  VERSION 1       IN FILE EQ82        L.UPD: 071282/1226 03

CONSTRUCTION WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSECS = EXP(
  A1 * LOG(ACSRSP)
+ A2 * LOG(AWPACS/UCSDF)
+ A3 )
+ KWSECS

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1               .77838              .08823
              A2            -1.02195               .17460
              A3             1.70286               .45163


         R2=      .9916                    R2C=       .9901
         DW=     1.7938                    RHO=       .0893
         SE=      .0247                    MAPE=    15.7625

         67     - 80
```

```
EQUATION AWSEMI  VERSION 1       IN FILE EQ82        L.UPD: 071282/1226 10

MINING WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEMI = EXP(
  A1 * LOG(AMIRSP)
+ A2 * LOG(AWPAMI/UMIDF)
+ A3 )
+ KWSEMI

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .29972              .13926
              A2               -.50927              .19927
              A3               1.43069              .80533


         R2=      .6092                   R2C=      .5310
         DW=     1.3570                   RHO=      .2783
         SE=      .0823                   MAPE= 182.4611

         68    - 80
```

```
EQUATION AWSETR  VERSION 1        IN FILE EQ82         L.UPD: 072882/1309 22

TRADE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSETR = EXP(
  A1 * LOG(ATRRSP)
+ A2 * LOG(AWPATR/UTRDF)
+ A3 * LOG(AWSETR[1])
+ A4 )
+ KWSETR

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .47604              .10013
              A2              -.29647              .21672
              A3                .50301              .08070
              A4               1.43038              .57573


         R2=      .9994                   R2C=      .9992
         DW=     2.0365                   RHO=     -.0607
         SE=      .0103                   MAPE=     .0934

         68     - 80
```

```
EQUATION AWSESV  VERSION 1       IN FILE EQ82       L.UPD: 072882/1309 32

SERVICE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION


AWSESV = EXP(
  A1 * LOG(ASVRSP)
+ A2 * LOG(AWPASV/USVDF)
+ A3 * LOG(AWSESV[1])
+ A4 )
+ KWSESV

         COEFFICIENT          ESTIMATE           STAND.DEV.

              A1                .46904             .10975
              A2               -.24465             .21624
              A3                .34672             .14914
              A4               2.58572            1.14398


         R2=       .9796                     R2C=       .9728
         DW=     1.7506                      RHO=       .0463
         SE=       .0103                     MAPE=      .1372

         68     - 80
```

```
EQUATION AWSEFI  VERSION          IN FILE EQ82        L.UPD: 072882/1048 18

FINANCE, INSURANCE & REAL ESTATE WAGE & SALARY EMPLOYMENT -- (THOUSANDS)
  TABLE 3.00


 AWSEFI = AWSEBK+AWSENB


EQUATION AWSEBK  VERSION 1        IN FILE EQ82        L.UPD: 072882/1158 44

BANKING WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEBK = EXP(
  A1 * LOG(AWSEBK[1])
+ A2 * LOG(ARSPBK)
+ A3 * LOG(AWPABK/UFIRDF)
+ A4 )
+ KWSEBK

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .29395             .12705
              A2               .69803             .13429
              A3             -1.70063             .42527
              A4             -2.13190             .80766


         R2=     .9996                       R2C=     .9995
         DW=    2.0131                       RHO=    -.0881
         SE=     .0081                       MAPE=    .1734

         69    - 80
```

```
EQUATION AWSENB  VERSION 1       IN FILE EQ82        L.UPD: 072882/1158  52

NONBANKING WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSENB = EXP(
  A1 * LOG(AWSENB[1])
+ A2 * LOG(ARSPNB)
+ A3 * LOG(AWPANB/UFIRDF)
+ A4 )
+ KWSENB

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .30134             .10363
              A2               .58936             .08566
              A3              -.28740             .31321
              A4              1.52647             .98162


         R2=      .9992                      R2C=      .9989
         DW=     1.1133                      RHO=      .4240
         SE=      .0123                      MAPE=    1.1142

         69    - 80
```

```
EQUATION AWSETU  VERSION          IN FILE EQ82        L.UPD: 072882/1314 58

TRANSPORTATION, COMMUNICATION & PUBLIC UTILITIES WAGE & SALARY EMPLOYMENT
   (THOUSANDS)  TABLE 3.00


 AWSETU = AWSETN+AWSECN+AWSEPU



EQUATION AWSETN  VERSION 1        IN FILE EQ82        L.UPD: 072882/1309 43


TRANSPORTATION WAGE &  SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSETN = EXP(
  A1 * LOG(ARSPTN)
+ A2 * LOG(AWPATN/UTNDF)
+ A3 )
+ KWSETN

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .55475             .21046
              A2               -.52815             .34930
              A3               2.45686             .76090


         R2=       .9978                    R2C=       .9974
         DW=      1.4498                    RHO=       .2484
         SE=       .0211                    MAPE=      .9100

         69     - 80
```

```
EQUATION AWSECN  VERSION 1       IN FILE EQ82        L.UPD: 072882/1309 52

COMMUNICATION WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSECN = EXP(
  A1 * LOG(ARSPCN)
+ A2 * LOG(AWPACN/UCNDF)
+ A3 )
+ KWSECN

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .57666              .19177
              A2               -.38732              .34884
              A3               2.47049              .62674


         R2=      .9930                     R2C=      .9914
         DW=     1.4142                     RHO=      .2903
         SE=      .0182                     MAPE=     .6921

         69     - 80
```

```
EQUATION AWSEPU  VERSION 1       IN FILE EQ82        L.UPD: 072882/1310 02

PUBLIC UTILITIES WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSEPU = EXP(
  A1 * LOG(ARSPPU)
+ A2 * LOG(AWPAPU/UPUDF)
+ A3 )
+ KWSEPU

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .90661              .02999
              A2              -.34285               .17982
              A3              2.86994               .40908


         R2=      .9911                    R2C=      .9892
         DW=     1.6171                    RHO=      .1452
         SE=      .0160                    MAPE=     .6040

         69     - 80
```

```
EQUATION AWSEAF  VERSION 1       IN FILE EQ82       L.UPD: 072882/1159 01

AGRI SERVICE, FORESTRY & FISHERY WAGE & SALARY EMPLOYMENT -- (THOUSANDS)
   TABLE 3.00


OLS  ESTIMATION


AWSEAF = EXP(
  A1 * TIME
+ A2 * LOG(AWSEAF[1])
+ A3 )
+ KWSEAF

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1              .02365            .01656
              A2              .42980            .28687
              A3              .36584            .20179


         R2=      .8274                  R2C=      .7891
         DW=     1.8365                  RHO=      .0812
         SE=      .0860                  MAPE=    3.5833

         69    - 80
```

```
EQUATION AWSESL  VERSION 1       IN FILE EQ82        L.UPD: 072882/1159 21

STATE AND LOCAL GOVERNMENT WAGE & SALARY EMPLOYMENT -- (THOUSANDS)
   TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AWSESL = EXP(
  A1 * LOG(ASLGRP)
+ A2 * LOG(AWPASL/UGDF)
+ A3 * LOG(AWSESL[1])
+ A4 )
+ KWSESL

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .57290              .06021
              A2               -.57906              .07606
              A3                .30573              .07184
              A4               1.86936              .24663


         R2=     1.0000                    R2C=    1.0000
         DW=     2.3598                    RHO=    -.1832
         SE=      .0044                    MAPE=     .0458

         68    - 80
```

```
EQUATION AWSEFC  VERSION 1       IN FILE EQ82       L.UPD: 072882/1159 33

FEDERAL CIVILIAN GOVERNMENT WAGE & SALARY EMPLOYMENT -- (THOUSANDS)
   TABLE 3.00


OLS  ESTIMATION


AWSEFC = EXP(
  A1 * LOG(AFDGRP)
+ A2 * LOG(AWPAFC/UGDF)
+ A3 * LOG(ATPOP)
+ A4 )
+ KWSEFC

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1              .51615            .08052
              A2            -.69776             .09815
              A3              .67182            .05279
              A4            1.65388             .19460


         R2=      .9761                    R2C=      .9682
         DW=    2.0625                     RHO=    -.1092
         SE=      .0057                    MAPE=     .1030

         68     - 80
```

```
EQUATION AWSEFS  VERSION 1       IN FILE EQ82        L.UPD: 072882/1159 38

FEDERAL MILITARY WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION


AWSEFS = EXP(
  A1 * LOG(AWSEFS[1])
+ A2 )
+ KWSEFS

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .81006              .12754
              A2               .74725              .51093


         R2=      .8014                    R2C=      .7815
         DW=     1.6670                    RHO=      .0631
         SE=      .0423                    MAPE=     .8331

         69     - 80
```

```
EQUATION AWSEFM  VERSION 1       IN FILE EQ82       L.UPD: 072882/1159 42

FARMING WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00


OLS  ESTIMATION


AWSEFM = EXP(
  A1 * TIME
+ A2 * LOG(AWSEFM[1])
+ A3 )
+ KWSEFM

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1             -.01570             .01258
              A2              .36982             .31723
              A3             2.45149            1.34954


         R2=       .8010                 R2C=      .7568
         DW=      2.3450                 RHO=     -.4152
         SE=       .0591                 MAPE=    1.2847

         69     - 80
```

```
EQUATION AEPR    VERSION         IN FILE EQ82       L.UPD: 071282/1322 30
PROPRIETORS' WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00

 AEPR = AEPRNF + AEPRF

EQUATION AEPRNF  VERSION 1       IN FILE EQ82       L.UPD: 072882/1159 54
NONFARM PROPRIETORS' WAGE & SALARY EMPLOYMENT -- (THOUSANDS)  TABLE 3.00

OLS  ESTIMATION

AEPRNF = EXP(
  A1 * LOG(ATRSP-AFMRSP)
+ A2 * LOG(AEPRNF[1])
+ A3 )
+ KEPRNF

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .40789             .14523
              A2                .29694             .28238
              A3               2.05549             .90472

         R2=      .9206                  R2C=      .9047
         DW=     2.0120                  RHO=     -.1106
         SE=      .0283                  MAPE=     .4816

         68     - 80
```

```
EQUATION AEPRF   VERSION 1       IN FILE EQ82       L.UPD: 071282/1227 19

FARM PROPRIETORS' EMPLOYMENT --(THOUSANDS)  TABLE 3.00


OLS  ESTIMATION WITH OPTION H


AEPRF = EXP(
  A1 * LOG(AEPRF[1])
+ A2 )
+ KEPRF

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .86795              .06264
              A2               .55979              .27587


         R2=      .9989                  R2C=      .9988
         DW=     1.8294                  RHO=      .0506
         SE=      .0130                  MAPE=     .3473

         68    - 80
```

```
EQUATION AUER    VERSION 1       IN FILE EQ82        L.UPD: 091482/1022 52

UNEMPLOYMENT RATE ALABAMA  TABLE 1.00


OLS  ESTIMATION


AUER = EXP(
  A1 * LOG(AUER[2])
+ A2 * LOG(UUER)
+ A3 * LOG(AETO/AETO[1])
+ A4)
+ KUER

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .58503              .17386
              A2               .81316              .22032
              A3             -6.48621             2.52248
              A4              -.55327              .45397


         R2=      .8712                     R2C=     .8068
         DW=     2.3521                     RHO=    -.2139
         SE=      .1008                     MAPE=   3.5869

         71    - 80
```

```
EQUATION AECSDM  VERSION          IN FILE EQ82       L.UPD: 072982/1225 03

SUM OF WAGE & SALARY EMPLOYMENT FOR DURABLE MANUFACTURING & CONTRACT
   CONSTRUCTION


 AECSDM=AWSECS+AWSEDM


EQUATION AWPADM  VERSION 1        IN FILE EQ82       L.UPD: 080582/1046 29

DURABLE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPADM = EXP(
  A1 * LOG(UWPADM)
+ A2 * LOG(AUER)
+ A3 )
+ KWPADM

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              1.06058              .02621
              A2              -.00675              .02149
              A3              -.32039              .05083


         R2=      .9979                    R2C=      .9975
         DW=     1.8244                    RHO=     -.0162
         SE=      .0117                    MAPE=     .8144

         68    - 80
```

```
EQUATION AWPALU  VERSION 1       IN FILE EQ82        L.UPD: 080582/1326 22

LUMBER & WOOD ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPALU = EXP(
  A1 * LOG(AWPADM)
+ A2 * LOG(AUER)
+ A3 )
+ KWPALU

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1              1.20276             .01795
              A2              -.09010             .02424
              A3              -.70007             .02324


         R2=      .9998                      R2C=      .9998
         DW=     1.6018                      RHO=      .0551
         SE=      .0151                      MAPE=     .4992

         69     - 80
```

```
EQUATION AWPAFU  VERSION 1       IN FILE EQ82        L.UPD: 072882/1201 05

FURNITURE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAFU = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+KWPAFU

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1             .81373           .01246
              A2             .05979           .02883


         R2=      .9993                  R2C=      .9992
         DW=     2.0610                  RHO=     -.1041
         SE=      .0173                  MAPE=     .4513

         69    - 80
```

```
EQUATION AWPAPM  VERSION 1       IN FILE EQ82       L.UPD: 080582/1328 31

PRIMARY METAL ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAPM = EXP(
  A1 * LOG(AWPADM)
+ A2 * LOG(AUER)
+ A3 )
+ KWPAPM

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               1.17541             .02917
              A2               -.05602             .02296
              A3               -.03092             .05342


         R2=      .9976                      R2C=      .9971
         DW=     1.9964                      RHO=     -.0272
         SE=      .0125                      MAPE=     .6483

         69     - 80
```

```
EQUATION AWPAFB  VERSION 1       IN FILE EQ82        L.UPD: 072882/1201 14

FABRICATED METAL ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAFB = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPAFB

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .96287              .01025
              A2               .03648              .02377


         R2=      .9986                    R2C=      .9984
         DW=     1.8033                    RHO=      .0513
         SE=      .0088                    MAPE=     .3250

         69    - 80
```

```
EQUATION AWPAMY  VERSION 1       IN FILE EQ82        L.UPD: 072882/1201 22

NONELECTRICAL MACHINERY ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAMY = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPAMY

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .91544              .02463
              A2                .15553              .05738


         R2=      .9952                     R2C=      .9947
         DW=     1.6946                     RHO=      .0004
         SE=      .0140                     MAPE=    1.0241

         69     - 80
```

```
EQUATION AWPAEL  VERSION 1       IN FILE EQ82       L.UPD: 072882/1201 28

ELECTRICAL MACHINERY ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAEL = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPAEL

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .91578              .02293
              A2               .07690              .05319


         R2=      .9922                     R2C=      .9914
         DW=     1.9026                     RHO=      .0302
         SE=      .0198                     MAPE=     .8423

         69    - 80
```

```
EQUATION AWPATE  VERSION 1       IN FILE EQ82        L.UPD: 072882/1201 35

TRANSPORTATION EQUIPMENT ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)
   TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPATE = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPATE

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1              1.20652                .05045
              A2              -.39126                .11717


         R2=       .9776                       R2C=      .9753
         DW=      1.7405                       RHO=      .1110
         SE=       .0377                       MAPE=    1.6120

         69     - 80
```

```
EQUATION AWPAMV  VERSION 1       IN FILE EQ82       L.UPD: 080482/1057 06

MOTOR VEHICLE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION


AWPAMV = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPAMV

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .88693             .06341
              A2               .14530             .14699


         R2=     .9514                      R2C=      .9465
         DW=    1.0467                      RHO=      .4624
         SE=     .0610                      MAPE=    1.7052

         69    - 80
```

```
EQUATION AWPATM  VERSION 1       IN FILE EQ82        L.UPD: 072882/1201 45

AWPATE+AWPAMV

TRANSPORTATION EQUIPMENT & MOTOR VEHICLE ANNUAL WAGE RATE -- CURRENT $
   (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPATM = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPATM

         COEFFICIENT         ESTIMATE        STAND.DEV.

             A1              1.08581            .04473
             A2              -.16464            .10400


         R2=      .9801                  R2C=      .9781
         DW=     1.6698                  RHO=      .1337
         SE=      .0299                  MAPE=    1.4869

         69    - 80
```

```
EQUATION AWPASC  VERSION 1       IN FILE EQ82        L.UPD: 072882/1201 49

STONE, CLAY & GLASS ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPASC = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPASC

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1              1.00523              .02592
              A2              -.04325              .06032


         R2=      .9935                      R2C=      .9929
         DW=     1.6959                      RHO=     -.0226
         SE=      .0160                      MAPE=     .9742

         69     - 80
```

```
EQUATION AWPAOD  VERSION 1       IN FILE EQ82        L.UPD: 072882/1313 49

OTHER DURABLE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAOD = EXP(
  A1 * LOG(AWPADM)
+ A2 )
+ KWPAOD

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1            1.02249            .30442
              A2            -.09349            .72145


         R2=     .8411              R2C=     .8252
         DW=    1.3810              RHO=     .2608
         SE=     .1076              MAPE=  22.1317

         69    - 80
```

```
EQUATION AWADM   VERSION         IN FILE EQ82       L.UPD: 071282/1323 15

DURABLE ALABAMA ADJUSTMENT EQUATION

 AWADM = AWPADM + .47519

EQUATION UWADM   VERSION         IN FILE EQ82       L.UPD: 071282/1323 25

DURABLE U.S. ADJUSTMENT EQUATION

 UWADM = UWPADM - .40840
```

```
EQUATION AWPANM  VERSION 1       IN FILE EQ82       L.UPD: 080582/1349 09

NONDURABLE MANUFACTURING ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)
   TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPANM = EXP(
  A1 * LOG(UWPANM)
+ A2 * LOG(AUER)
+ A3 )
+ KWPANM

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1              1.07891              .02816
              A2              -.03866              .01201
              A3              -.30035              .06265


         R2=       .9968                     R2C=      .9962
         DW=       .6017                     RHO=      .6929
         SE=       .0078                     MAPE=    2.8380

         68     - 80
```

```
EQUATION AWPAFD  VERSION 1       IN FILE EQ82       L.UPD: 072882/1201 53

FOOD ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAFD =  EXP(
  A1 * LOG(AWPANM)
+ A2 )
+ KWPANM

          COEFFICIENT          ESTIMATE         STAND.DEV.

               A1                .91343              .03373
               A2                .13368              .07239


          R2=      .9904                    R2C=      .9894
          DW=     1.4467                    RHO=      .2645
          SE=      .0183                    MAPE=    1.3610

          69    - 80
```

```
EQUATION AWPATX  VERSION 1       IN FILE EQ82       L.UPD: 080582/1332 03

TEXTILE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION


AWPATX = EXP(
  A1 * LOG(AWPANM)
+ A2 * LOG(AUER)
+ A3 )
+ KWPATX

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1              1.01432               .02685
               A2              -.06903               .03061
               A3              -.02488               .03549


          R2=       .9975                   R2C=      .9970
          DW=      1.7444                   RHO=     -.0357
          SE=       .0151                   MAPE=     .5688

          69     - 80
```

```
EQUATION AWPAAP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1202 03

APPAREL ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION


AWPAAP = EXP(
  A1 * LOG(AWPANM)
+ A2 )
+ KWPAAP

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1             .86627            .01402
              A2            -.15548            .02987


         R2=     .9974                  R2C=     .9971
         DW=    2.0588                  RHO=    -.0585
         SE=     .0132                  MAPE=    .5499

         69    - 80
```

```
EQUATION AWPAPA  VERSION 1       IN FILE EQ82        L.UPD: 072882/1202 08

PAPER ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION


AWPAPA = EXP(
  A1 * LOG(AWPANM)
+ A2 )
+ KWPAPA

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1              1.13831              .01080
               A2               .18878              .02300


          R2=      .9991                    R2C=      .9990
          DW=     2.4238                    RHO=     -.2608
          SE=      .0101                    MAPE=     .2964

          69     - 80
```

```
EQUATION AWPAPT  VERSION 1       IN FILE EQ82        L.UPD: 072882/1202 15

PRINTING & PUBLISHING ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAPT = EXP(
  A1 * LOG(AWPANM)
+ A2 )
+ KWPAPT

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1              .86292            .02449
              A2              .36893            .05229


         R2=      .9905                    R2C=      .9896
         DW=     1.8160                    RHO=      .0225
         SE=      .0180                    MAPE=     .8543

         69    - 80
```

```
EQUATION AWPACH  VERSION 1       IN FILE EQ82       L.UPD: 072882/1202 23

CHEMICAL ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPACH = EXP(
  A1 * LOG(AWPANM)
+ A2 )
+ KWPACH

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               1.10141              .02346
              A2                .18313              .05018


         R2=      .9962                   R2C=      .9959
         DW=     1.9346                   RHO=     -.0620
         SE=      .0152                   MAPE=     .7010

         69    - 80
```

```
EQUATION AWPARB  VERSION 1       IN FILE EQ82        L.UPD: 080582/1333 57

RUBBER & PLASTIC ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPARB = EXP(
  A1 * LOG(AWPANM)
+ A2 * LOG(AUER)
+ A3 )
+ KWPARB

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              1.08021              .08651
              A2              -.13767              .06307
              A3               .41463              .15090


         R2=      .9867                  R2C=       .9837
         DW=     1.9378                  RHO=      -.0227
         SE=      .0352                  MAPE=     2.2874

         69    - 80
```

```
EQUATION AWPAON  VERSION 1       IN FILE EQ82        L.UPD: 072882/1313 57

OTHER DURABLE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS) TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAON = EXP(
  A1 * LOG(AWPANM)
+ A2 )
+ KWPAON

         COEFFICIENT        ESTIMATE         STAND.DEV.

              A1             1.15287             .04590
              A2             -.35045             .09783


         R2=      .9819                  R2C=      .9801
         DW=     1.9119                  RHO=      .0165
         SE=      .0398                  MAPE=    1.6471

         69    - 80
```

```
EQUATION AWANM   VERSION        IN FILE EQ82       L.UPD: 071282/1323 43

NONDURABLE ALABAMA ADJUSTMENT EQUATION

 AWANM = AWPANM - .28238

EQUATION UWANM   VERSION        IN FILE EQ82       L.UPD: 071282/1323 35

NONDURABLE U.S. ADJUSTMENT EQUATION

 UWANM = UWPANM - .80666
```

```
EQUATION AWPACS  VERSION 1       IN FILE EQ82        L.UPD: 072882/1200 29

CONSTRUCTION ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPACS =  EXP(
  A1 * LOG(UWPACS)
+ A2 * LOG(AWSET/AWSET[1])
+ A3 )
+ KWPACS

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              1.16250              .04532
              A2               .32491              .30658
              A3              -.64381              .11332


         R2=      .9888                   R2C=      .9866
         DW=     1.5189                   RHO=      .2400
         SE=      .0195                   MAPE=    1.6521

         68     - 80
```

```
EQUATION AWPAMI  VERSION 1       IN FILE EQ82       L.UPD: 071282/1227 39

MINING ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION


AWPAMI = EXP(
  A1 * LOG(UWPAMI)
+ A2 * LOG(AUER/UUER)
+ A3 )
+ KWPAMI

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1             1.12442            .02218
              A2             -.19775            .05560
              A3             -.35986            .05663


         R2=      .9957                  R2C=      .9950
         DW=     1.9536                  RHO=     -.0183
         SE=      .0291                  MAPE=     .8956

         67    - 80
```

```
EQUATION AWPATR  VERSION 1       IN FILE EQ82        L.UPD: 080382/1123 35

TRADE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPATR = EXP(
  A1 * LOG(AUER/UUER)
+ A2 * LOG((UWPART+UWPAWT)/2)
+ A3 )
+ KWPATR

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1               -.02196              .01740
               A2               1.05113              .02349
               A3               -.40843              .05182


          R2=      .9968                    R2C=      .9963
          DW=     1.0598                    RHO=      .4407
          SE=      .0075                    MAPE=    1.6383

          67    - 80
```

```
EQUATION AWPASV  VERSION 1       IN FILE EQ82       L.UPD: 072882/1200 52

SERVICE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPASV = EXP(
  A1 * LOG(UWPASV)
+ A2 * LOG(AETO/AETO[1])
+ A3 )
+ KWPASV

        COEFFICIENT        ESTIMATE         STAND.DEV.

             A1             1.13964             .01665
             A2              .55038             .31960
             A3             -.57471             .03178


        R2=      .9983                  R2C=      .9980
        DW=     1.9185                  RHO=     -.0720
        SE=      .0184                  MAPE=     .7785

        68    - 80
```

```
EQUATION AWPABK  VERSION 1       IN FILE EQ82       L.UPD: 080582/1340 09

BANKING ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPABK = EXP(
  A1 * LOG(UWPABK)
+ A2 * LOG(AUER)
+ A3 )
+ KWPABK

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .97952             .01908
              A2             -.02301              .01336
              A3             -.05313              .03058


         R2=      .9986                     R2C=     .9983
         DW=    1.3079                      RHO=     .3053
         SE=      .0067                     MAPE=    .4282

         69     - 80
```

```
EQUATION AWPANB  VERSION 1       IN FILE EQ82        L.UPD: 072882/1314 13

NONBANKING ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPANB = EXP(
  A1 * LOG(UWPANB)
+ A2 * LOG(AETO/AETO[1])
+ A3 )
+ KWPANB

          COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               1.02669             .02357
              A2                .17133             .30542
              A3               -.15461             .05532


          R2=      .9936                   R2C=       .9921
          DW=     1.7149                   RHO=       .0619
          SE=      .0165                   MAPE=      .6512

          69    - 80
```

```
EQUATION AWPATN  VERSION 1       IN FILE EQ82        L.UPD: 080582/1342 40

TRANSPORTATION ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION


AWPATN = EXP(
  A1 * LOG(UWPATN)
+ A2 * LOG(AWPATN[1])
+ A3 * LOG(AUER)
+ A4 )
+ KWPATN

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .91174             .10227
              A2               .18423             .09662
              A3              -.03371             .01000
              A4              -.28100             .04102


         R2=     .9998                        R2C=      .9997
         DW=    1.8181                        RHO=     -.1082
         SE=     .0049                        MAPE=     .1322

         69    - 80
```

```
EQUATION AWPACN  VERSION 1       IN FILE EQ82        L.UPD: 072882/1314 32

COMMUNICATION ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPACN = EXP(
  A1 * LOG(UWPACN)
+ A2 * LOG(AUER/UUER)
+ A3 )
+ KWPACN

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              1.04732             .00784
              A2              -.02091             .01828
              A3              -.23379             .01985


         R2=      .9997                    R2C=      .9997
         DW=     2.1917                    RHO=     -.1513
         SE=      .0094                    MAPE=     .2088

         69    - 80
```

```
EQUATION AWPAPU  VERSION 1       IN FILE EQ82        L.UPD: 080582/1344 58

PUBLIC UTILITIES ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAPU = EXP(
  A1 * LOG(UWPAPU)
+ A2 * LOG(AUER)
+ A3 )
+ KWPAPU

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .99502            .01728
              A2             -.02675            .01892
              A3               .00102            .02731


         R2=       .9988                     R2C=      .9985
         DW=      1.8275                     RHO=      .0263
         SE=       .0091                     MAPE=     .2527

         69     - 80
```

```
EQUATION AWPAAF  VERSION 1       IN FILE EQ82       L.UPD: 080482/1107 46

AGRI SERVICE, FORESTRY & FISHERY ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)
   TABLE 4.00


OLS  ESTIMATION


AWPAAF = EXP(
  A1 * LOG(UWPAAF)
+ A2 )
+ KWPAAF

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1             1.32549            .03311
              A2             -.65033            .06071


         R2=      .9932                  R2C=      .9926
         DW=     1.5629                  RHO=      .1165
         SE=      .0272                  MAPE=    1.3443

         68    - 80
```

```
EQUATION AWPASL  VERSION 1       IN FILE EQ82        L.UPD: 072882/1217 07

STATE & LOCAL GOVERNMENT ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)
   TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPASL = EXP(
  A1 * LOG(UWPASL)
+ A2 * LOG(AWPASL[1])
+ A3 )
+ KWPASL

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .27514              .15685
              A2               .78748              .13565
              A3              -.12829              .09163


         R2=      .9994                   R2C=      .9993
         DW=     2.2545                   RHO=     -.1400
         SE=      .0118                   MAPE=     .3499

         68    - 80
```

```
EQUATION AWPAFC  VERSION 1       IN FILE EQ82       L.UPD: 071282/1228 11

FEDERAL CIVILIAN GOVERNMENT ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)
   TABLE 4.00


OLS  ESTIMATION


AWPAFC = EXP(
  A1 * LOG(UWPAFC)
+ A2 * LOG(AUER/UUER)
+ A3 )
+ KWPAFC

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .96041             .01211
              A2              -.04535             .02632
              A3               .14475             .03081


         R2=      .9983                    R2C=      .9979
         DW=     1.4577                    RHO=      .2184
         SE=      .0138                    MAPE=     .3933

         67    - 80
```

```
EQUATION AWPAFS  VERSION 1       IN FILE EQ82        L.UPD: 080582/1336 25

FEDERAL MILITARY GOVERNMENT ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)
   TABLE 4.00


 OLS  ESTIMATION WITH OPTION H


AWPAFS = EXP(
  A1 * LOG(UWPAFS)
+ A2 * LOG(AUER/UUER)
+ A3 )
+ KWPAFS

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .92418            .03618
              A2             -.08813            .07028
              A3               .01617            .06669


         R2=      .9724                     R2C=      .9673
         DW=     1.5504                     RHO=      .1543
         SE=      .0313                     MAPE=    2.0103

         67     - 80
```

```
EQUATION AWPAFM  VERSION 1        IN FILE EQ82        L.UPD: 080582/1338 02

FARMING ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)  TABLE 4.00


OLS  ESTIMATION WITH OPTION H


AWPAFM = EXP(
  A1 * LOG(UWPAFM)
+ A2 * LOG(AUER/UUER)
+ A3 )
+ KWPAFM

         COEFFICIENT         ESTIMATE        STAND.DEV.

              A1              1.23198            .02187
              A2              -.13445            .05104
              A3             -1.07105            .03165


         R2=      .9969                 R2C=      .9964
         DW=     2.1956                 RHO=     -.1276
         SE=      .0331                 MAPE=    5.5022

         67    - 80
```

```
EQUATION ATPY    VERSION          IN FILE EQ82        L.UPD: 071282/1323 51

TOTAL PERSONAL INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00


 ATPY = AWSPY + ANFPPY + AOLPY + ADIRPY + ATPPY +
 APYRAJ - ASIPPY + AFPPY + KTPY


EQUATION ATPYPC  VERSION          IN FILE EQ82        L.UPD: 071282/1324 00

PER CAPITA PERSONAL INCOME -- CURRENT $ (THOUSANDS)  TABLE 5.00


 ATPYPC = ATPY/ATPOP


EQUATION AWSPY   VERSION          IN FILE EQ82        L.UPD: 071282/1324 16

WAGE AND SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00


 AWSPY = ( AWPADM*AWSEDM + AWPANM*AWSENM + AWPACS*AWSECS +
 AWPAMI*AWSEMI + AWPATR*AWSETR + AWPASV*AWSESV + AWPAFI*AWSEFI +
 AWPATU*AWSETU + AWPAFC*AWSEFC + AWPAFS*AWSEFS + AWPASL*AWSESL +
 AWPAAF*AWSEAF + AWPAFM*AWSEFM) / 1000

EQUATION AWSYDM  VERSION 1        IN FILE EQ82        L.UPD: 092882/1237 02

DURABLE WAGE & SALARY INCCOME -- CURRENT $ (BILLIONS)  TABLE 5.10


 AWSYDM=AWSYLU+AWSYFU+AWSYPM+AWSYFB+AWSYMY+AWSYEL+
 AWSYTM+AWSYSC+AWSYOD

EQUATION AWSYNM  VERSION 1        IN FILE EQ82        L.UPD: 092882/1233 35

NONDURABLE WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10


 AWSYNM=AWSYFD+AWSYTX+AWSYAP+AWSYPA+AWSYPT+AWSYCH+
 AWSYRB+AWSYON
```

```
EQUATION AWSYMF  VERSION         IN FILE EQ82       L.UPD: 071282/1324 49

MANUFACTURING WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYMF = AWSYDM + AWSYNM

EQUATION AWSYMI  VERSION         IN FILE EQ82       L.UPD: 071282/1325 02

MINING WAGE AND SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYMI = AWPAMI*AWSEMI

EQUATION AWSYCS  VERSION         IN FILE EQ82       L.UPD: 071282/1325 10

CONSTRUCTION WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYCS = AWPACS*AWSECS

EQUATION AWSYTR  VERSION         IN FILE EQ82       L.UPD: 071282/1325 18

TRADE WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYTR = AWPATR*AWSETR

EQUATION AWSYSV  VERSION         IN FILE EQ82       L.UPD: 071282/1325 27

SERVICE WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYSV = AWPASV*AWSESV
```

```
EQUATION AWSYFI  VERSION         IN FILE EQ82        L.UPD: 072982/1140  05

FINANCE, INSURANCE & REAL ESTATE WAGE & SALARY INCOME -- CURRENT $
   (BILLIONS)  TABLE 5.10


 AWSYFI =(AWPABK*AWSEBK)+(AWPANB*AWSENB)


EQUATION AWSYTU  VERSION         IN FILE EQ82        L.UPD: 072982/1149 34

TRANSPORTATION, COMMUNICATION & PUBLIC UTILITIES WAGE & SALARY INCOME
   CURRENT $ (BILLIONS)  TABLE 5.10


 AWSYTU=(AWPATN*AWSETN)+(AWPACN*AWSECN)+(AWPAPU*AWSEPU)


EQUATION AWSYAF  VERSION         IN FILE EQ82        L.UPD: 071282/1325 50

AGRI SERVICE, FORESTRY  & FISHERY WAGE & SALARY INCOME -- CURRENT $
   (BILLIONS)  TABLE 5.10


 AWSYAF = AWPAAF*AWSEAF


EQUATION AWSYSL  VERSION         IN FILE EQ82        L.UPD: 071282/1325 57

STATE & LOCAL GOVERNMENT WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)
   TABLE 5.10


 AWSYSL = AWPASL*AWSESL


EQUATION AWSYFC  VERSION         IN FILE EQ82        L.UPD: 071282/1326 04

FEDERAL CIVILIAN GOVERNMENT WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)
   TABLE 5.10


 AWSYFC = AWPAFC*AWSEFC
```

```
EQUATION AWSYFS  VERSION         IN FILE EQ82       L.UPD: 071282/1326 11

FEDERAL MILITARY GOVERNMENT WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)
   TABLE 5.10

 AWSYFS = AWPAFS*AWSEFS

EQUATION AWSYFM  VERSION         IN FILE EQ82       L.UPD: 071282/1326 19

FARMING WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYFM = AWPAFM*AWSEFM

EQUATION AWSPMF  VERSION         IN FILE EQ82       L.UPD: 071282/1326 30

MANUFACTURING PRODUCTIVITY  TABLE 6.00

 AWSPMF = (AMFGSP/AWSYMF)*1000

EQUATION AWSPNM  VERSION         IN FILE EQ82       L.UPD: 071282/1326 37

NONDURABLE PRODUCTIVITY  TABLE 6.00

 AWSPNM = (ANMGSP/AWSYNM)*1000

EQUATION AWSPDM  VERSION         IN FILE EQ82       L.UPD: 071282/1326 44

DURABLE PRODUCTIVITY  TABLE 6.00

 AWSPDM = (ADMGSP/AWSYDM)*1000
```

```
EQUATION AWSPMI  VERSION        IN FILE EQ82       L.UPD: 071282/1326 53
MINING PRODUCTIVITY  TABLE 6.00

 AWSPMI = (AMIGSP/AWSYMI)*1000

EQUATION AWSPCS  VERSION        IN FILE EQ82       L.UPD: 071282/1327 00
CONSTRUCTION PRODUCTIVITY  TABLE 6.00

 AWSPCS = (ACSGSP/AWSYCS)*1000

EQUATION AWSPTR  VERSION        IN FILE EQ82       L.UPD: 071282/1327 06
TRADE PRODUCTIVITY  TABLE 6.00

 AWSPTR = (ATRGSP/AWSYTR)*1000

EQUATION AWSPSV  VERSION        IN FILE EQ82       L.UPD: 071282/1327 14
SERVICE PRODUCTIVITY  TABLE 6.00

 AWSPSV = (ASVGSP/AWSYSV)*1000

EQUATION AWSPFI  VERSION        IN FILE EQ82       L.UPD: 071282/1327 25
FINANCE, INSURANCE & REAL ESTATE PRODUCTIVITY  TABLE 6.00 PROD

 AWSPFI = (AFIGSP/AWSYFI)*1000
```

```
EQUATION AWSPTU  VERSION         IN FILE EQ82        L.UPD: 071282/1327 33

TRANPORTATION, COMMUNICATION & PUBLIC UTILITY PRODUCTIVITY TABLE 6.00

 AWSPTU = (ATUGSP/AWSYTU)*1000

EQUATION AWSPSL  VERSION         IN FILE EQ82        L.UPD: 071282/1327 41

STATE & LOCAL GOVERNMENT PRODUCTIVITY  TABLE 6.00

 AWSPSL = (ASLGGP/AWSYSL)*1000

EQUATION AWSPFG  VERSION         IN FILE EQ82        L.UPD: 071282/1327 50

FEDERAL GOVERNMENT PRODUCTIVITY  TABLE 6.00

 AWSPFG = (AFDGGP/(AWSYFC+AWSYFS))*1000

EQUATION AWSPFM  VERSION         IN FILE EQ82        L.UPD: 071282/1327 56

FARMING PRODUCTIVITY  TABLE 6.00

 AWSPFM = (AFMGSP/AWSYFM)*1000
```

```
EQUATION ANFPPY  VERSION 1        IN FILE EQ82         L.UPD: 072882/1217 14

NONFARM PROPRIETORS' INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00

OLS  ESTIMATION


ANFPPY = EXP(
  A1 * LOG(UNFPPY)
+ A2 * LOG(ATGSP-AFMGSP)
+ A3 )
+ KNFPPY

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .80701              .13046
              A2                .12891              .07672
              A3              -3.91151              .33400


         R2=      .9946                      R2C=      .9940
         DW=      .6684                      RHO=      .6061
         SE=      .0267                      MAPE=    1.7455

         59    - 80
```

```
EQUATION AFPPY   VERSION 1       IN FILE EQ82        L.UPD: 071282/1228 23

FARM PROPRIETORS' INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00


OLS  ESTIMATION WITH OPTION H


AFPPY = EXP(
  A1 * LOG(AFMGSP)
+ A2 * LOG(UFPPY)
+ A3 )
+ KFPPY

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .56119             .11854
              A2               .46375             .13791
              A3             -2.15373             .46255


         R2=      .9585                  R2C=      .9493
         DW=     2.1355                  RHO=     -.0821
         SE=      .0790                  MAPE=     .0000

         69    - 80
```

```
EQUATION AOLPY   VERSION 1       IN FILE EQ82       L.UPD: 072882/1217 21

OTHER LABOR INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00


OLS  ESTIMATION


AOLPY = EXP(
  A1 * LOG(UOLPY)
+ A2 * LOG(AOLPY[1])
+ A3 )
+ KOLPY

         COEFFICIENT          ESTIMATE         STAND.DEV.

              A1               .74242             .25403
              A2               .33606             .23530
              A3             -3.13573            1.12662


         R2=      .9993                    R2C=      .9992
         DW=      .7575                    RHO=      .6371
         SE=      .0252                    MAPE=    2.5426

         59    - 80
```

```
EQUATION ADIRPY  VERSION 1       IN FILE EQ82        L.UPD: 072882/1217 33

DIVIDEND, INTEREST & RENT INCOME  -- CURRENT $ (BILLIONS)  TABLE 5.00


OLS  ESTIMATION WITH OPTION H


ADIRPY = EXP(
   A1 * LOG(UDIRPY)
+ A2 * LOG(ADIRPY[1])
+ A3 )
+ KDIRPY

              COEFFICIENT          ESTIMATE           STAND.DEV.

                   A1                  .73533               .08717
                   A2                  .32665               .08456
                   A3                -3.38067               .41331


              R2=       .9988                     R2C=       .9986
              DW=      1.7001                     RHO=       .1393
              SE=       .0132                     MAPE=     4.2997

              59     - 80
```

```
EQUATION ATPPY   VERSION 1       IN FILE EQ82        L.UPD: 072882/1217 42

TRANSFER PAYMENT INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00


OLS  ESTIMATION WITH OPTION H


ATPPY = EXP(
  A1 * LOG(UTPPY)
+ A2 * LOG(ATPPY[1])
+ A3 )
+ KTPPY

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               .86041              .07320
              A2               .17918              .07259
              A3             -3.59086              .31523


         R2=      .9987                  R2C=      .9985
         DW=     1.9558                  RHO=      .0158
         SE=      .0159                  MAPE=    5.7181

         59.    - 80
```

```
EQUATION APYRAJ  VERSION 1       IN FILE EQ82       L.UPD: 072882/1217 51

RESIDENCE ADJUSTMENT INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00


OLS  ESTIMATION WITH OPTION H


APYRAJ = EXP(
  A1 * LOG(APYRAJ[1])
+ A2 )
+ KPYRAJ

          COEFFICIENT        ESTIMATE        STAND.DEV.

               A1              .98029           .01192
               A2              .06018           .02742


          R2=      .9973                  R2C=      .9971
          DW=     1.8644                  RHO=      .0375
          SE=      .0339                  MAPE=     .0000

          59    - 80
```

```
EQUATION ASIPPY  VERSION 1        IN FILE EQ82        L.UPD: 072882/1218 03

SOCIAL INSURANCE CONTRIBUTIONS -- CURRENT $ (BILLIONS)  TABLE 5.00


OLS  ESTIMATION WITH OPTION H


ASIPPY = EXP(
  A1 * LOG(ASIPPY[1])
+ A2 * LOG(AWSPY)
+ A3 * LOG(USSTXR)
+ A4 )
+ KSIPPY

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1               .26342             .07027
               A2               .62388             .11203
               A3              1.07044             .10318
               A4             -4.23393             .29976


          R2=      .9969                     R2C=      .9963
          DW=     1.3905                     RHO=      .3003
          SE=      .0213                     MAPE=   19.6720

          60     - 80
```

```
EQUATION ADPY    VERSION         IN FILE EQ82        L.UPD: 071282/1328 11
DISPOSABLE PERSONAL INCOME -- CURRENT $ (BILLIONS)  TABLE 5.00

 ADPY = ATPY - (APYTX + AFYTX)/1000 + KDPY

EQUATION ADPYPC  VERSION         IN FILE EQ82        L.UPD: 071282/1328 25
PER CAPITA DISPOSABLE INCOME -- CURRENT $ (THOUSANDS)  TABLE 5.00

 ADPYPC = ADPY/ATPOP
```

```
EQUATION ARTTSR  VERSION         IN FILE EQ82        L.UPD: 071282/1328 37

RETAIL SALES, TOTAL -- CURRENT $ (BILLIONS)  TABLE 7.00


 ARTTSR=ARTFD+ARTGS+ARTGM+ARTAPP+ARTFUR+ARTAU+ARTGAS+
       ARTLUM+ARTHW+ARTEPL+ARTDST+ARTAOR+ARTNUC


EQUATION ARTFD   VERSION 1       IN FILE EQ82        L.UPD: 072882/1218 10

FOOD, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00

OLS  ESTIMATION


ARTFD = EXP(
  A1 * LOG(UFBDF)
+ A2 * LOG(ATPOP)
+ A3 * LOG(ADPY/UGNPDF)
+ A4 )
+ KRTFD

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1               .90520              .05639
              A2              2.05315              .41240
              A3               .45004              .07793
              A4             -5.45464              .62224


         R2=      .9985                    R2C=      .9982
         DW=     1.7517                    RHO=      .0361
         SE=      .0228                    MAPE=    6.3361

         58    - 80
```

```
EQUATION ARTGS   VERSION 1       IN FILE EQ82        L.UPD: 072882/1218 18

GENERAL STORES, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION


ARTGS = EXP(
  A1 * LOG(ADPY)
+ A2 * LOG(UPCDF/UGNPDF)
+ A3 )
+ KRTGS

        COEFFICIENT          ESTIMATE          STAND.DEV.

             A1               1.05686              .07874
             A2              15.49252             2.30153
             A3              -4.85282              .21556


        R2=      .9514                   R2C=      .9466
        DW=      .9145                   RHO=      .5421
        SE=      .0838                   MAPE=     .0000

        58     - 80
```

```
EQUATION ARTGM   VERSION 1       IN FILE EQ82        L.UPD: 072882/1218 28

GENERAL MERCHANDISE, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTGM = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(UNDGDF)
+ A3 )
+ KRTGM

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               1.38693              .19282
              A2                .57945              .16779
              A3                .36785             1.21056


         R2=      .9757                      R2C=      .9733
         DW=     1.4937                      RHO=      .2422
         SE=      .0435                      MAPE=   32.2814

         58     - 80
```

```
EQUATION ARTAPP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1218 46

APPAREL, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTAPP = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(UCLSDF)
+ A3 )
+ KRTAPP

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              .70609             .18169
              A2             1.30363             .22783
              A3            -5.78142            1.45490


         R2=      .9919                   R2C=      .9910
         DW=     1.6606                   RHO=      .1280
         SE=      .0327                   MAPE=     .0000

         59     - 80
```

```
EQUATION ARTFUR  VERSION 1       IN FILE EQ82        L.UPD: 080482/1057 16

FURNITURE, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTFUR = EXP(
  A1 * LOG(ATPOP)
+ A2 * LOG(ADPY/UGNPDF)
+ A3 * LOG(UFUHDF)
+ A4 )
+ KRTFUR

         COEFFICIENT          ESTIMATE           STAND.DEV.

              A1               1.15905              1.57206
              A2                .92149               .30109
              A3               1.19375               .32101
              A4              -6.34860              2.46393


         R2=      .9789                      R2C=      .9755
         DW=     1.5781                      RHO=      .2062
         SE=      .0559                      MAPE=     .0000

         58    - 80
```

```
EQUATION ARTAU   VERSION 1       IN FILE EQ82       L.UPD: 072882/1219 16

AUTOMOTIVE, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTAU = EXP(
  A1 * LOG(ADPY)
+ A2 * LOG(UCBR)
+ A3 * LOG(AUER)
+ A4 )
+ KRTAU

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1             1.30100            .09156
              A2             -.58316            .15513
              A3             -.24933            .06959
              A4            -1.22915            .15871


         R2=      .9706                  R2C=      .9654
         DW=     1.6298                  RHO=      .1353
         SE=      .0539                  MAPE=   20.5650

         60    - 80
```

```
EQUATION ARTGAS  VERSION 1       IN FILE EQ82       L.UPD: 072882/1219 26

GASOLINE, RETAIL SALES -- CURRENT $ (BILLIONS) TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTGAS = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(UGODF)
+ A3 )
+ KRTGAS

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1               1.46850              .10027
               A2                .59070              .05631
               A3               -.25292              .47785


          R2=      .9900                     R2C=      .9890
          DW=     1.6877                     RHO=      .1559
          SE=      .0332                     MAPE=  31.2285

          59    - 80
```

```
EQUATION ARTLUM  VERSION 1       IN FILE EQ82        L.UPD: 072882/1219 46

LUMBER, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTLUM = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(UDGDF)
+ A3 * LOG(ACSRSP)
+ A4 )
+ KRTLUM

         COEFFICIENT        ESTIMATE         STAND.DEV.

              A1              .54969             .43915
              A2             1.76079             .44921
              A3              .60479             .25467
              A4            -7.73162            2.99068


         R2=      .9643                      R2C=      .9586
         DW=     1.3170                      RHO=      .3332
         SE=      .0733                      MAPE=   29.9373

         58    - 80
```

```
EQUATION ARTHW   VERSION 1       IN FILE EQ82        L.UPD: 072882/1219 55

HARDWARE, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION


ARTHW = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(UDGDF)
+ A3 * LOG(ARTHW[1])
+ A4 )
+ KRTHW

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .56806             .22291
              A2                .39763             .35130
              A3                .49303             .23730
              A4              -1.28791            1.78100


         R2=      .9839                    R2C=      .9814
         DW=     1.2294                    RHO=      .3553
         SE=      .0635                    MAPE=     .0000

         58    - 80
```

```
EQUATION ARTEPL  VERSION 1       IN FILE EQ82        L.UPD: 071282/1229 19

EATING PLACES, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION


ARTEPL = EXP(
  A1 * LOG(ADPY)
+ A2 * LOG(UFBDF)
+ A3 )
+ KRTEPL

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1              1.06926              .04458
              A2               .19447              .07851
              A3             -4.45097              .26508


         R2=       .9992                     R2C=       .9992
         DW=      1.8104                     RHO=       .0432
         SE=       .0201                     MAPE=      .0000

         58     - 80
```

```
EQUATION ARTDST  VERSION 1       IN FILE EQ82       L.UPD: 072882/1220 02

DRUG STORES, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION


ARTDST = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(UONDDF)
+ A3 * LOG(ARTDST[1])
+ A4 )
+ KRTDST

         COEFFICIENT           ESTIMATE         STAND.DEV.

              A1                .42815             .13818
              A2                .50046             .13374
              A3                .51154             .13513
              A4              -2.08521             .66279


         R2=      .9976                     R2C=     .9972
         DW=     1.8110                     RHO=     .0472
         SE=      .0261                     MAPE=    .0000

         58    - 80
```

```
EQUATION ARTAOR  VERSION 1       IN FILE EQ82       L.UPD: 072882/1220 13

ALL OTHER, RETAIL SALES -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTAOR = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(UPCDF)
+ A3 )
+ KRTAOR

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              1.73178             .26407
              A2               .84613             .24089
              A3             -.12790             1.70738


         R2=      .9765                     R2C=      .9742
         DW=     1.4514                     RHO=      .2470
         SE=      .0539                     MAPE=   10.3096

         58    - 80
```

```
EQUATION ARTNUC  VERSION 1       IN FILE EQ82        L.UPD: 072882/1220 23

NONRETAIL -- CURRENT $ (BILLIONS)  TABLE 7.00


OLS  ESTIMATION WITH OPTION H


ARTNUC = EXP(
  A1 * LOG(UCBR)
+ A2 * LOG(ADPY/UGNPDF)
+ A3 * LOG(UPCDF)
+ A4 )
+ KRTNUC

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1               -.21287              .18304
              A2               1.74219              .52148
              A3                .43172              .41094
              A4               3.19934             2.85760


         R2=      .9726                     R2C=      .9643
         DW=     1.9197                     RHO=      .0227
         SE=      .0507                     MAPE=    4.0256

         67     - 80
```

```
EQUATION ATOTTX  VERSION         IN FILE EQ82        L.UPD: 071382/1226 07

TOTAL TAX REVENUES -- CURRENT $ (MILLIONS)   TABLE 9.00


 ATOTTX = APYTX + ACYTX + ASALTX + ASUTX + AUTLTX + AGASTX + AOTHTX


EQUATION APYTX   VERSION 1       IN FILE EQ82        L.UPD: 072882/1220 32

INDIVIDUAL INCOME TAX -- CURRENT $ (MILLIONS)  TABLE 9.00


OLS  ESTIMATION WITH OPTION H


APYTX = EXP(
  A1 * LOG(ATPY)
+ A2 * TIME
+ A3 )
+ KPYTX

         COEFFICIENT         ESTIMATE        STAND.DEV.

              A1               .91743            .14029
              A2               .06052            .01231
              A3              1.07937            .08692


         R2=      .9968                     R2C=      .9965
         DW=     1.7265                     RHO=      .0770
         SE=      .0386                     MAPE=     .9953

         58    - 80
```

```
EQUATION ACYTX   VERSION 1       IN FILE EQ82        L.UPD: 072882/1220 43

CORPORATE INCOME TAX  -- CURRENT $ (MILLIONS)  TABLE 9.00


OLS  ESTIMATION WITH OPTION H


ACYTX = EXP(
  A1 * LOG(ATXDUM)
+ A2 * LOG(ATGSP)
+ A3 * LOG(ACYTX[1])
+ A4 )
+ KCYTX

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1               .83852             .16006
              A2               .77481             .17281
              A3               .30515             .12854
              A4              -.92462             .19590


         R2=       .9782                    R2C=      .9745
         DW=      2.0830                    RHO=     -.0442
         SE=       .0898                    MAPE=    2.8207

         59    - 80
```

```
EQUATION ASALTX  VERSION 1       IN FILE EQ82        L.UPD: 080482/1057 26

SALES TAX -- CURRENT $ (MILLIONS)  TABLE 9.00


OLS  ESTIMATION WITH OPTION H


ASALTX = EXP(
  A1 * LOG(ARTTSR)
+ A2 * LOG(ASTXR)
+ A3 * LOG(ASALTX[1])
+ A4 )
+ KSALTX

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1              .45486             .06742
              A2              .48677             .06647
              A3              .55122             .06427
              A4              .82326             .14952


         R2=       .9994                   R2C=       .9994
         DW=      2.0870                   RHO=     -.0602
         SE=       .0309                   MAPE=      .2747

         58     - 80
```

```
EQUATION ASUTX   VERSION 1       IN FILE EQ82        L.UPD: 072882/1220 56

USE TAX -- CURRENT $ (MILLIONS)  TABLE 9.00


OLS  ESTIMATION


ASUTX = EXP(
  A1 * LOG(ARTTSR)
+ A2 * LOG(ASTXR)
+ A3 * LOG(ASUTX[1])
+ A4 )
+ KSUTX

         COEFFICIENT           ESTIMATE          STAND.DEV.

              A1                .54857             .16345
              A2                .54962             .22996
              A3                .49835             .14808
              A4               -.28776             .21224


         R2=       .9895                   R2C=       .9879
         DW=      1.8012                   RHO=       .0203
         SE=       .0765                   MAPE=     2.2017

         58      - 80
```

```
EQUATION AUTLTX  VERSION 1       IN FILE EQ82        L.UPD: 072882/1221 04

UTILITY TAX -- CURRENT $ (MILLIONS)  TABLE 9.00


OLS  ESTIMATION


AUTLTX = EXP(
  A1 * LOG(A2REPP+A2CEPP+A2IEPP)
+ A2 * LOG((ACEPIN+AREPIN+AIEPIN)/3)
+ A3 )
+ KUTLTX

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1               1.38584              .38293
               A2               1.04314              .15165
               A3              -6.46569              .83009


          R2=      .9864                     R2C=      .9830
          DW=     2.1520                     RHO=     -.0770
          SE=      .0677                     MAPE=    1.1614

          70    - 80
```

```
EQUATION AGASTX  VERSION         IN FILE EQ82        L.UPD: 091382/1210 56

GASOLINE -- CURRENT $ (MILLIONS)  TABLE 9.00

 AGASTX = 0.11*(AGCPC*ATPOP)+KGASTX

EQUATION AOTHTX  VERSION 1       IN FILE EQ82        L.UPD: 072882/1221 12

OTHER TAXES -- CURRENT $ (MILLIONS)  TABLE 9.00

OLS  ESTIMATION

AOTHTX = EXP(
  A1 * LOG(ATGSP)
+ A2 * LOG(AOTHTX[1])
+ A3 )
+ KOTHTX
         COEFFICIENT        ESTIMATE         STAND.DEV.

             A1               .53826            .23925
             A2               .40024            .25388
             A3              1.94026            .75257


         R2=     .9943                  R2C=     .9926
         DW=    2.0588                  RHO=    -.2104
         SE=     .0258                  MAPE=    .3043

         71    - 80
```

```
EQUATION AFYTX   VERSION         IN FILE EQ82        L.UPD: 080982/1150 25

FEDERAL INCOME TAX -- CURRENT $ (MILIONS) TABLE 9.00

 AFYTX = (ATPY*1000)*(UEYTXR/100)

EQUATION UTLECB  VERSION 1       IN FILE EQ82        L.UPD: 072882/1221 23

US TOTAL ENERGY CONSUMPTION -- QUADRILLION BTU  TABLE 10.00

OLS  ESTIMATION WITH OPTION H

UTLECB = EXP(
  A1 * LOG(URGNP)
+ A2 * LOG(UTLECB[1])
+ A3 )
+ KTLECB
         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1              .71418            .12627
              A2              .18930            .13869
              A3            -1.63895            .46640


         R2=      .9975                    R2C=      .9972
         DW=     1.5196                    RHO=      .2285
         SE=      .0160                    MAPE=    1.8215

         61    - 80
```

```
EQUATION A2GTTB  VERSION 1       IN FILE EQ82       L.UPD: 072882/1221 34

ALABAMA TOTAL ENERGY CONSUMPTION -- QUADRILLION BTU  TABLE 10.00


OLS  ESTIMATION WITH OPTION H


A2GTTB = EXP(
  A1 * LOG(ATRSP)
+ A2 * LOG(A2GTTB[1])
+ A3 )
+ K2GTTB

        COEFFICIENT          ESTIMATE          STAND.DEV.

             A1                .62725             .15124
             A2                .37060             .14657
             A3              -1.48439             .37284


        R2=       .6088                  R2C=      .5627
        DW=      1.8235                  RHO=      .0755
        SE=       .0282                  MAPE=   35.9354

        61     - 80
```

```
EQUATION AGCPC   VERSION 1       IN FILE EQ82       L.UPD: 072882/1221 43

GASOLINE CONSUMPTION (PER CAPITA) GALLONS TABLE 10.00


OLS  ESTIMATION WITH OPTION H


AGCPC = EXP(
  A1 * LOG(ARLGP)
+ A2 * LOG(ADPY/UGNPDF)
+ A3 * LOG(AGCPC[1])
+ A4 )
+ KGCPC

         COEFFICIENT        ESTIMATE        STAND.DEV.

              A1            -.35588          .04002
              A2             .31219          .12101
              A3             .60947          .12098
              A4            4.45311         1.11759


         R2=      .9986                 R2C=      .9983
         DW=     1.8465                 RHO=      .0338
         SE=      .0124                 MAPE=     .1816

         64    - 80
```

```
EQUATION A2GCLP  VERSION 1       IN FILE EQ82        L.UPD: 072882/1221 58

COAL CONSUMPTION -- MILLION SHORT TONS  TABLE 10.00


OLS  ESTIMATION WITH OPTION H


A2GCLP = EXP(
  A1 * LOG(A2REPP+A2CEPP+A2IEPP)
+ A2 * LOG(COALIN/(UWPIAL/1.191))
+ A3 * LOG(A2GCLP[1])
+ A4 )
+ K2GCLP

         COEFFICIENT         ESTIMATE         STAND.DEV.

              A1               .27535            .08720
              A2             -.17189             .04362
              A3               .60760            .11380
              A4               .30925            .14098


         R2=      .9942                 R2C=      .9931
         DW=     1.9525                 RHO=    -.0403
         SE=      .0389                 MAPE=     .6734

         61    - 80
```

```
EQUATION A2REPP  VERSION 1      IN FILE EQ82       L.UPD: 072882/1222 10

ELECTRICITY RESIDENTIAL CONSUMPTION -- BILLION KWH  TABLE 10.00


OLS  ESTIMATION WITH OPTION H


A2REPP = EXP(
  A1 * LOG(A2REPP[1])
+ A2 * LOG(ADPY/UGNPDF)
+ A3 * LOG(AUER)
+ A4 )
+ K2REPP

         COEFFICIENT          ESTIMATE          STAND.DEV.

              A1                .18111              .14819
              A2                .76468              .17026
              A3               -.20870              .05506
              A4               4.18933              .78160


         R2=      .9988                     R2C=      .9982
         DW=     2.6642                     RHO=     -.4571
         SE=      .0338                     MAPE=     .4712

         70    - 80
```

```
EQUATION A2CEPP  VERSION 1       IN FILE EQ82        L.UPD: 080482/1057 33

ELECTRICITY COMMERCIAL CONSUMPTION -- BILLION KWH  TABLE 10.00


OLS  ESTIMATION


A2CEPP = EXP(
  A1 * LOG(ACEPIN/(UWPIAL/1.191))
+ A2 * LOG(ADPY/UGNPDF)
+ A3 )
+ K2CEPP

         COEFFICIENT           ESTIMATE          STAND.DEV.

              A1                -.94348              .28922
              A2                1.35273              .06937
              A3                4.70993              .16062


         R2=      .9654                     R2C=      .9613
         DW=     1.4091                     RHO=      .2562
         SE=      .0713                     MAPE=    3.3658

         61     - 80
```

```
EQUATION A2IEPP  VERSION 1       IN FILE EQ82       L.UPD: 072882/1222 33

ELECTRICITY INDUSTRIAL CONSUMPTION -- BILLION KWH  TABLE 10.00


OLS  ESTIMATION


A2IEPP = EXP(
  A1 * LOG(AMFRSP)
+ A2 * LOG(AIEPIN/GASIND)
+ A3 )
+ K2IEPP

         COEFFICIENT         ESTIMATE          STAND.DEV.

              A1               .80096              .06806
              A2              -.07146              .02601
              A3              1.83647              .09492


         R2=      .9917                     R2C=      .9896
         DW=     1.8173                     RHO=     -.0612
         SE=      .0164                     MAPE=     .3953

         70     - 80
```

```
EQUATION ATOEPP  VERSION        IN FILE EQ82       L.UPD: 071282/1328 58

ELECTRICITY TOTAL CONSUMPTION -- BILLION KWH  TABLE 10.00


 ATOEPP = A2REPP + A2CEPP + A2IEPP


EQUATION A2RNGP  VERSION 1      IN FILE EQ82       L.UPD: 072882/1222 39

NATURAL GAS RESIDENTIAL CONSUMPTION -- TRILLION CUBIC FEET  TABLE 10.00


OLS  ESTIMATION


A2RNGP = EXP(
  A1 * LOG(ADPY/UGNPDF)
+ A2 * LOG(GASIND/(UCPI/1.253))
+ A3 * LOG(A2RNGP[1])
+ A4 )
+ K2RNGP

          COEFFICIENT          ESTIMATE          STAND.DEV.

               A1                .32770              .17682
               A2               -.09258              .05237
               A3                .33833              .26925
               A4               3.40491             1.45018


          R2=      .7695                      R2C=      .7263
          DW=     1.4134                      RHO=      .1902
          SE=      .0550                      MAPE=    1.0660

          61     - 80
```

```
EQUATION A2CNGP  VERSION 1       IN FILE EQ82        L.UPD: 071282/1230 44

NATURAL GAS COMMERCIAL CONSUMPTION -- TRILLION CUBIC FEET  TABLE 10.00


OLS  ESTIMATION


A2CNGP = EXP(
  A1 * LOG(GASIND/ACEPIN)
+ A2 * LOG(UNGAPC)
+ A3 * LOG(A2CNGP[1])
+ A4 )
+ K2CNGP

         COEFFICIENT        ESTIMATE         STAND.DEV.

              A1             -.07158             .04505
              A2              .23799             .13266
              A3              .23913             .12845
              A4             1.99962             .29260


         R2=      .6634                 R2C=      .5912
         DW=     2.0092                 RHO=     -.1020
         SE=      .0591                 MAPE=    1.2846

         61    - 78
```

```
EQUATION A2INGP  VERSION 1      IN FILE EQ82       L.UPD: 071282/1230 48
NATURAL GAS INDUSTRIAL CONSUMPTION -- TRILLION CUBIC FEET  TABLE 10.00

OLS  ESTIMATION


A2INGP = EXP(
  A1 * LOG(AMFRSP)
+ A2 * LOG(GASIND/(UWPIAL/1.191))
+ A3 * LOG(A2INGP[1])
+ A4 )
+ K2INGP

          COEFFICIENT        ESTIMATE          STAND.DEV.

               A1              .34516             .22703
               A2             -.16871             .14374
               A3              .43115             .28493
               A4             2.42432            1.17961

          R2=       .7327                    R2C=      .6793
          DW=      1.6688                    RHO=      .0173
          SE=       .0984                    MAPE=    1.2015

          61      - 79
```

```
EQUATION ATONGP  VERSION         IN FILE EQ82       L.UPD: 071282/1329 10

NATURAL GAS TOTAL CONSUMPTION -- TRILLION CUBIC FEET  TABLE 10.00


 ATONGP = A2RNGP + A2CNGP + A2INGP


EQUATION ATGSP   VERSION         IN FILE EQ82       L.UPD: 071282/1329 22

TOTAL OUTPUT -- CURRENT $ (BILLIONS) TABLE 2.20


 ATGSP = AMFGSP + ACSGSP + AMIGSP + ATRGSP + ASVGSP + AFIGSP +
 ATUGSP + AGVGSP  + AFMGSP


EQUATION AMFGSP  VERSION         IN FILE EQ82       L.UPD: 071282/1329 40

MANUFACTURING OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20


 AMFGSP = ADMGSP + ANMGSP


EQUATION ADMGSP  VERSION         IN FILE EQ82       L.UPD: 092782/1444 53

DURABLE OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20


 ADMGSP = ALUGSP + AFUGSP + APMGSP + AFPGSP + AMYGSP + AELGSP +
 AATGSP + ASCGSP + AODGSP


EQUATION ANMGSP  VERSION         IN FILE EQ82       L.UPD: 092782/1441 23

NONDURABLE OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20


 ANMGSP = AFDGSP + ATXGSP + AAPGSP + APAGSP + APTGSP +
 ACHGSP + ARBGSP + AONGSP


EQUATION ACSGSP  VERSION         IN FILE EQ82       L.UPD: 071282/1330 11

CONSTRUCTION OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20


 ACSGSP = ACSRSP*UCSDF/100
```

```
EQUATION AMIGSP  VERSION         IN FILE EQ82        L.UPD: 071282/1330 21
MINING OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AMIGSP = AMIRSP*UMIDF/100

EQUATION ATRGSP  VERSION         IN FILE EQ82        L.UPD: 071282/1330 30
TRADE OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 ATRGSP = ATRRSP*UTRDF/100

EQUATION ASVGSP  VERSION         IN FILE EQ82        L.UPD: 071282/1330 37
SERVICES OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 ASVGSP = ASVRSP*USVDF/100

EQUATION ASLGGP  VERSION         IN FILE EQ82        L.UPD: 071282/1331 59
STATE & LOCAL GOVERNMENT OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 ASLGGP = ASLGRP*UGDF/100

EQUATION AFDGGP  VERSION         IN FILE EQ82        L.UPD: 071282/1332 09
FEDERAL GOVERNMENT OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AFDGGP = AFDGRP*UGDF/100

EQUATION AFMGSP  VERSION         IN FILE EQ82        L.UPD: 071282/1332 27
FARMING OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AFMGSP = AFMRSP*UFMDF/100 - KFMGSP
```

```
EQUATION AWPAFI  VERSION          IN FILE EQ82        L.UPD: 072982/1143 56

FINANCE, INSURANCE & REAL ESTATE ANNUAL WAGE RATE -- CURRENT $ (THOUSANDS)
   TABLE 4.00

 AWPAFI=AWSYFI/AWSEFI


EQUATION AWPATU  VERSION          IN FILE EQ82        L.UPD: 072982/1204 53

TRANSPORTATION, COMMUNICATION & PUBLIC UTILITIES ANNUAL WAGE RATE --
   CURRENT $ (THOUSANDS)  TABLE 4.00

 AWPATU=AWSYTU/AWSETU


EQUATION AFDGSP  VERSION 1        IN FILE EQ82        L.UPD: 092782/1553 15

FOOD OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AFDGSP=.01*UNMFDF*AFDRSP


EQUATION ATXGSP  VERSION 1        IN FILE EQ82        L.UPD: 092782/1553 17

TEXTILE OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 ATXGSP=.01*UNMFDF*ATXRSP


EQUATION AAPGSP  VERSION 1        IN FILE EQ82        L.UPD: 092782/1553 19

APPAREL OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AAPGSP=.01*UNMFDF*AAPRSP


EQUATION APAGSP  VERSION 1        IN FILE EQ82        L.UPD: 092782/1553 21

PAPER OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 APAGSP=.01*UNMFDF*APARSP
```

```
EQUATION APTGSP  VERSION 1       IN FILE EQ82       L.UPD: 092782/1553 23
PRINTING & PUBLISHING OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 APTGSP=.01*UNMFDF*APTRSP

EQUATION ACHGSP  VERSION 1       IN FILE EQ82       L.UPD: 092782/1553 28
CHEMICAL OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 ACHGSP=.01*UNMFDF*ACHRSP

EQUATION ARBGSP  VERSION 1       IN FILE EQ82       L.UPD: 092782/1553 33
RUBBER & PLASTIC OUTPUT  -- CURRENT $ (BILLIONS)  TABLE 2.20

 ARBGSP=.01*UNMFDF*ARBRSP

EQUATION AONGSP  VERSION 1       IN FILE EQ82       L.UPD: 092782/1553 40
OTHER NONDURABLE OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AONGSP=.01*UNMFDF*AONRSP

EQUATION ALUGSP  VERSION 1       IN FILE EQ82       L.UPD: 092782/1553 47
LUMBER OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 ALUGSP=.01*UDMFDF*ALURSP

EQUATION AFUGSP  VERSION 1       IN FILE EQ82       L.UPD: 092782/1553 52
FURNITURE OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AFUGSP=.01*UDMFDF*AFURSP
```

```
EQUATION APMGSP  VERSION 1       IN FILE EQ82        L.UPD: 092782/1553 57

PRIMARY METAL OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 APMGSP=.01*UDMFDF*APMRSP

EQUATION AFPGSP  VERSION 1       IN FILE EQ82        L.UPD: 092782/1554 06

FABRICATED METAL OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AFPGSP=.01*UDMFDF*AFPRSP

EQUATION AMYGSP  VERSION 1       IN FILE EQ82        L.UPD: 092782/1554 09

NONELECTRICAL MACHINERY OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AMYGSP=.01*UDMFDF*AMYRSP

EQUATION AELGSP  VERSION 1       IN FILE EQ82        L.UPD: 092782/1554 13

ELECTRICAL MACHINERY OUTPUT -- CURRENT $ (BILLIONS) TABLE 2.20

 AELGSP=.01*UDMFDF*AELRSP

EQUATION AATGSP  VERSION 1       IN FILE EQ82        L.UPD: 092782/1554  20

ALL TRANSPORTATION EQUIPMENT OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AATGSP=.01*UDMFDF*AATRSP

EQUATION ASCGSP  VERSION 1       IN FILE EQ82        L.UPD: 092782/1554 28

STONE, CLAY & GLASS OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 ASCGSP=.01*UDMFDF*ASCRSP
```

```
EQUATION AODGSP  VERSION 1       IN FILE EQ82       L.UPD: 092782/1554 31
OTHER DURABLE OUTPUT -- CURRENT $ (BILLIONS) TABLE 2.20

 AODGSP=.01*UDMFDF*AODRSP

EQUATION AWSYFD  VERSION 1       IN FILE EQ82       L.UPD: 092882/1228 14
FOOD WAGE & SALARY INCOME -- CURRENT $ (BILLIONS) TABLE 5.10

 AWSYFD=AWPAFD*AWSEFD

EQUATION AWSYTX  VERSION 1       IN FILE EQ82       L.UPD: 092882/1228 15
TEXTILE WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYTX=AWPATX*AWSETX

EQUATION AWSYAP  VERSION 1       IN FILE EQ82       L.UPD: 092882/1228 16
APPAREL WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYAP=AWPAAP*AWSEAP

EQUATION AWSYPA  VERSION 1       IN FILE EQ82       L.UPD: 092882/1228 17
PAPER WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYPA=AWPAPA*AWSEPA

EQUATION AWSYPT  VERSION 1       IN FILE EQ82       L.UPD: 092882/1228 18
PRINTING & PUBLISHING WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)
   TABLE 5.10

 AWSYPT=AWPAPT*AWSEPT
```

```
EQUATION AWSYCH  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 19

CHEMICAL WAGE & SALARY INCOME-- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYCH=AWPACH*AWSECH

EQUATION AWSYRB  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 21

RUBBER & PLASTIC WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYRB=AWPARB*AWSERB

EQUATION AWSYON  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 22

OTHER NONDURABLE WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TALBE 5.10

 AWSYON=AWPAON*AWSEON

EQUATION AWSYLU  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 22

LUMBER WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYLU=AWPALU*AWSELU

EQUATION AWSYFU  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 23

FURNITURE WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYFU=AWPAFU*AWSEFU

EQUATION AWSYPM  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 25

PRIMARY METAL WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYPM=AWPAPM*AWSEPM
```

```
EQUATION AWSYFB  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 27

FABRICATED METAL WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYFB=AWPAFB*AWSEFB


EQUATION AWSYMY  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 28

NONELECTRICAL MACHINERY WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)
   TABLE 5.10

 AWSYMY=AWPAMY*AWSEMY


EQUATION AWSYEL  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 29

ELECTRICAL MACHINERY WAGE INCOME -- CURRENT $ (BILLIONS) TABLE 5.10

 AWSYEL=AWPAEL*AWSEEL


EQUATION AWSYTM  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 30

ALL TRANSPORTATION EQUIPMENT WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)
   TABLE 5.10

 AWSYTM=AWPATM*AWSETM


EQUATION AWSYSC  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 32

STONE, CLAY & GLASS WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYSC=AWPASC*AWSESC


EQUATION AWSYOD  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 34

OTHER DURABLE WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYOD=AWPAOD*AWSEOD
```

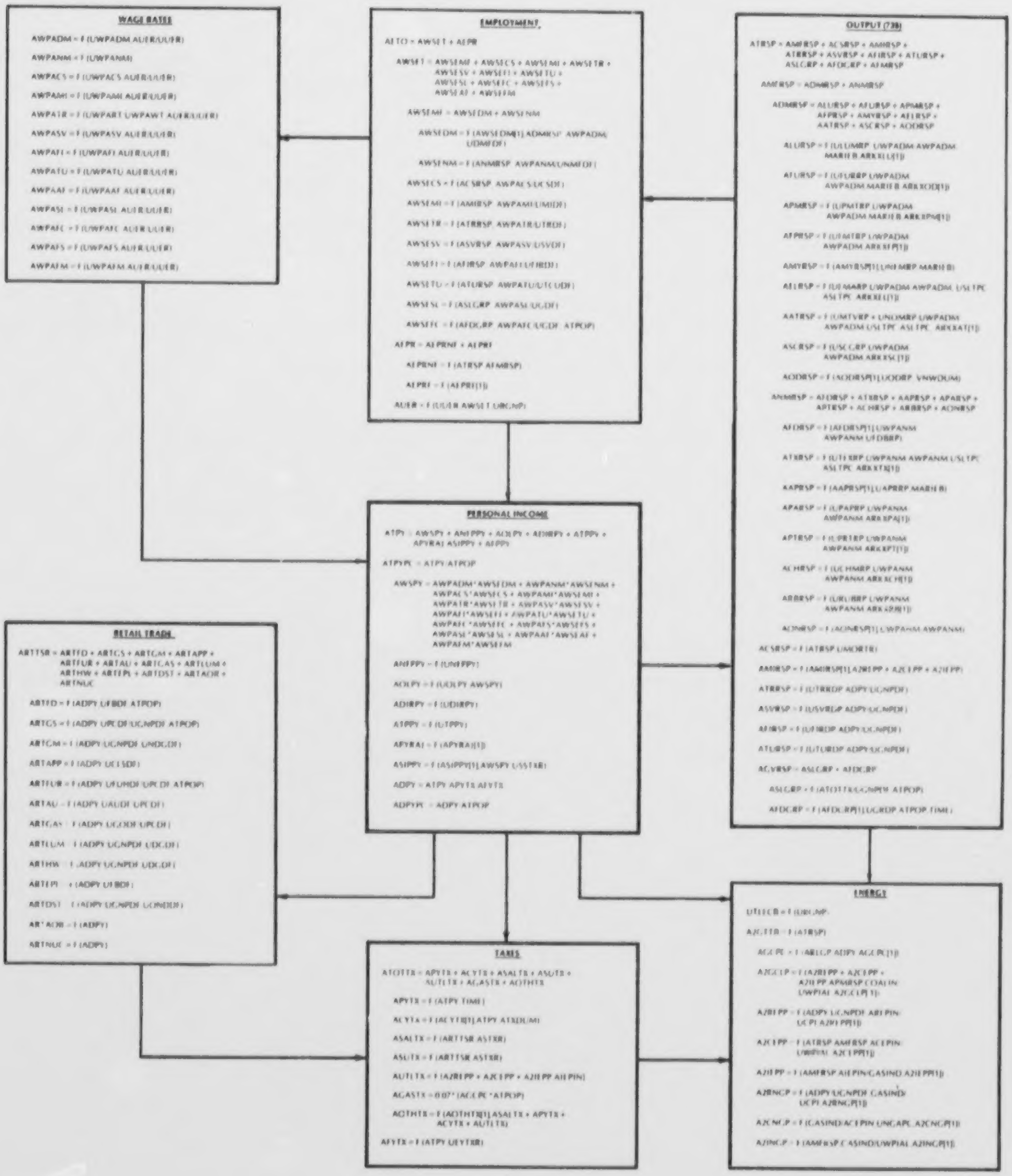
```
EQUATION AWSYBK  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 37

BANKING WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYBK=AWPABK*AWSEBK

EQUATION AWSYNB  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 38

NONBANKING WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYNB=AWPANB*AWSENB

EQUATION AWSYTN  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 39

TRANSPORTATION WAGE & SALARY INCOME -- CURRENT $ (BILLIONS) TABLE 5.10

 AWSYTN=AWPATN*AWSETN

EQUATION AWSYCN  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 40

COMMUNICATION WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYCN=AWPACN*AWSECN

EQUATION AWSYPU  VERSION 1       IN FILE EQ82        L.UPD: 092882/1228 40

PUBLIC UTILITIES WAGE & SALARY INCOME -- CURRENT $ (BILLIONS)  TABLE 5.10

 AWSYPU=AWPAPU*AWSEPU

EQUATION AGSPBK  VERSION 1       IN FILE EQ82        L.UPD: 092982/0821 03

BANKING OUTPUT -- CURRENT $ (BILLIONS) TABLE 2.20

 AGSPBK=.01*UFIRDF*ARSPBK
```

```
EQUATION AGSPNB  VERSION 1       IN FILE EQ82       L.UPD: 092982/0822 51

NONBANKING OUTPUT -- CURRENT $ (BILLIONS)  TABLE  2.20

 AGSPNB=.01*UFIRDF*ARSPNB

EQUATION AFIGSP  VERSION 1       IN FILE EQ82       L.UPD: 092982/0824 23

FINANCE, INSURANCE & REAL ESTATE OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AFIGSP= AGSPNB + AGSPBK

EQUATION ATUGSP  VERSION 1       IN FILE EQ82       L.UPD: 092982/0838 14

TRANSPORTATION, COMMUNICATION & PUBLIC UTILITIES OUTPUT -- CURRENT $
   (BILLIONS)  TABLE 2.20

 ATUGSP = AGSPTN + AGSPCN + AGSPPU

EQUATION AGSPTN  VERSION 1       IN FILE EQ82       L.UPD: 092982/0830 54

TRANSPORTATION OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AGSPTN = .01*UTCUDF*ARSPTN

EQUATION AGSPCN  VERSION 1       IN FILE EQ82       L.UPD: 092982/0832 17

COMMUNICATION OUTPUT -- CURRENT $ (BILLIONS) TABLE 2.20

 AGSPCN = .01*UTCUDF*ARSPCN
```

```
EQUATION AGSPPU  VERSION 1       IN FILE EQ82       L.UPD: 092982/0834 06

PUBLIC UTILITIES OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AGSPPU = .01*UTCUDF*ARSPPU

EQUATION AGVGSP  VERSION         IN FILE EQ82       L.UPD: 093082/0850 40

GOVERNMENT OUTPUT -- CURRENT $ (BILLIONS)  TABLE 2.20

 AGVGSP = ASLGGP + AFDGGP
```

THE ALABAMA ECONOMY

AN ECONOMETRIC MODEL OF ALABAMA*



*The Alabama Econometric Model is a planning and analysis tool for policy and decision makers in both the public and private sectors of the State of Alabama. A mathematical representation of the State's economy, the model can provide consistent forecasts of key State economic indicators under a variety of conditions.

Linked to the national economy, the model incorporates forecasts of national economic activity. In this way, it is able to estimate the local impact of national and international events. In addition, the model has the capability of creating special forecasts estimating the impact of actual or proposed state legislative changes concerning items such as tax rates. Variables such as tax rates are known as policy variables and can be manipulated within the model to determine their estimated effect on selected variables (sales tax receipts for example) as well as on the economy as a whole.

Whether the model is used by government as an aid in policy planning or by business and industry simply to forecast economic activity, the Alabama Econometric Model offers decision makers insight into the future.

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GLOSSARY OF VARIABLES

ALABAMA

1	AAPRSP	Real State Product — Apparel and Other Textile Products
2	AATRSP	Real State Product — All Transportation Equipment (Motor Vehicles and Nonautomotive Transportation Equipment)
3	ACEPIN	Electricity Price Index — Commercial
4	ACHRSP	Real State Product — Chemicals and Allied Products
5	ACSGSP	Gross State Product — Contract Construction
6	ACSRSP	Real State Product — Contract Construction
7	ACYTX	Income Tax Receipts — Corporate
8	ADIRPY	Personal Income — Dividends, Interest and Rent
9	ADMGSP	Gross State Product — Durable Manufactured Goods
10	ADMRSP	Real State Product — Durable Manufactured Goods
11	ADPY	Disposable Personal Income
12	AELRSP	Real State Product — Electrical Equipment and Supplies
13	AEPR	Employment — Proprietors
14	AEPRF	Employment — Farm Proprietors
15	AEPRNF	Employment — Nonfarm Proprietors
16	AETO	Employment — Total
17	AFDGGP	Gross State Product — Federal Government
18	AFDGRP	Real State Product — Federal Government
19	AFDRSP	Real State Product — Food
20	AFIGSP	Gross State Product — Finance, Insurance and Real Estate
21	AFIRSP	Real State Product — Finance, Insurance and Real Estate
22	AFMGSP	Gross State Product — Farm
23	AFMRSP	Real State Product — Farm
24	AFPPY	Personal Income — Farm Proprietors
25	AFPRSP	Real State Product — Fabricated Metal Products
26	AFURSP	Real State Product — Furniture and Fixtures
27	AFYTX	Tax Receipts — Federal Income
28	AGASTX	Tax Receipts — Gasoline
29	AGCPC	Gasoline Consumption — Per Capita
30	AGVGSP	Gross State Product — Government and Government Enterprises
31	AIEPIN	Electricity Price Index — Industrial
32	ALURSP	Real State Product — Lumber and Wood Products
33	AMFGSP	Gross State Product — Manufacturing
34	AMFRSP	Real State Product — Manufacturing
35	AMIGSP	Gross State Product — Mining
36	AMIRSP	Real State Product — Mining
37	AMYRSP	Real State Product — Nonelectrical Machinery
38	ANFPPY	Personal Income — Nonfarm Proprietors
39	ANMGSP	Gross State Product — Nondurable Manufactured Goods
40	ANMRSP	Real State Product — Nondurable Manufactured Goods
41	AODRSP	Real State Product — Other Durable Manufactured Goods
42	AOLPY	Personal Income — Other Labor
43	AONRSP	Real State Product — Other Nondurable Manufactured Goods
44	AOTHTX	Tax Receipts — Other
45	APARSP	Real State Product — Paper and Allied Products
46	APMRSP	Real State Product — Primary Metal Industries
47	APTRSP	Real State Product — Printing and Publishing
48	APYRAJ	Personal Income — Residence Adjustment
49	APYTX	Income Tax Receipts — Individual
50	ARBRSP	Real State Product — Rubber and Plastic Products
51	AREPIN	Electricity Price Index — Residential
52	ARKXAT	Real Capital Expenditures — All Transportation Equipment
53	ARKXCH	Real Capital Expenditures — Chemicals and Allied Products
54	ARKXEL	Real Capital Expenditures — Electrical Equipment and Supplies
55	ARKXFP	Real Capital Expenditures — Fabricated Metal Products
56	ARKXLU	Real Capital Expenditures — Lumber and Wood Products
57	ARKXOD	Real Capital Expenditures — Other Durable Manufactured Goods
58	ARKXPA	Real Capital Expenditures — Paper and Allied Products
59	ARKXPM	Real Capital Expenditures — Primary Metal Industries
60	ARKXPT	Real Capital Expenditures — Printing and Publishing
61	ARKXRB	Real Capital Expenditures — Rubber and Plastic Products
62	ARKXSC	Real Capital Expenditures — Stone, Clay and Glass Products
63	ARKXTX	Real Capital Expenditures — Textile Mill Products
64	ARLGP	Real Gasoline Price
65	ARTAOR	Retail Trade — All Other
66	ARTAPP	Retail Trade — Apparel
67	ARTAU	Retail Trade — Automotive
68	ARTDST	Retail Trade — Drug Stores
69	ARTEPL	Retail Trade — Eating Places
70	ARTFD	Retail Trade — Food
71	ARTFUR	Retail Trade — Furniture, Furnishings, Appliances
72	ARTGAS	Retail Trade — Gasoline Service Stations
73	ARTGM	Retail Trade — General Merchandise
74	ARTGS	Retail Trade — General Stores with Food and Gas
75	ARTHW	Retail Trade — Hardware and Farm Implements
76	ARTLUM	Retail Trade — Lumber and Building Materials
77	ARTNUC	Retail Trade — Nonretail and Unclassified Concerns
78	ARTTSR	Retail Trade — Total All Sales at Retail
79	ASALTX	Tax Receipts — Sales
80	ASCRSP	Real State Product — Stone, Clay and Glass Products
81	ASIPPY	Personal Income — Social Security Payments
82	ASLGGP	Gross State Product — State and Local Government
83	ASLGRP	Real State Product — State and Local Government
84	ASLTPC	Per Capita Taxes — State and Local
85	ASTXR	Tax Rate — Sales
86	ASUTX	Tax Receipts — Use
87	ASVGSP	Gross State Product — Services
88	ASVRSP	Real State Product — Services
89	ATGSP	Gross State Product — Total
90	ATOTTX	Tax Receipts — Total
91	ATPOP	Population — Total
92	ATPPY	Personal Income — Transfer Payments
93	ATPY	Personal Income — Total
94	ATRGSP	Gross State Product — Wholesale and Retail Trade
95	ATRRSP	Real State Product — Wholesale and Retail Trade
96	ATRSP	Real State Product — Total
97	ATUGSP	Gross State Product — Transportation, Communications and Public Utilities
98	ATURSP	Real State Product — Transportation, Communications and Public Utilities
99	ATXDUM	Tax Dummy — Corporate Income
100	ATXRSP	Real State Product — Textile Mill Products
101	AUER	Unemployment Rate
102	AUTLTX	Tax Receipts — Utility
103	AWADM	Annual Wage Per Person — Durable Manufactured Goods
104	AWANM	Annual Wage Per Person — Nondurable Manufactured Goods
105	AWPAAF	Annual Wage Per Person — Agricultural Services, Forestry and Fisheries
106	AWPACS	Annual Wage Per Person — Contract Construction
107	AWPADM	Annual Wage Per Person — Durable Manufactured Goods (BEA)
108	AWPAFC	Annual Wage Per Person — Federal Civilian
109	AWPAFI	Annual Wage Per Person — Finance, Insurance and Real Estate
110	AWPAFM	Annual Wage Per Person — Farm
111	AWPAFS	Annual Wage Per Person — Federal Military
112	AWPAMI	Annual Wage Per Person — Mining
113	AWPANM	Annual Wage Per Person — Nondurable Manufactured Goods (BEA)
114	AWPASL	Annual Wage Per Person — State and Local Government
115	AWPASV	Annual Wage Per Person — Services
116	AWPATR	Annual Wage Per Person — Wholesale and Retail Trade
117	AWPATU	Annual Wage Per Person — Transportation, Communications and Public Utilities
118	AWSEAF	Wage and Salary Employment — Agricultural Services, Forestry and Fisheries
119	AWSECS	Wage and Salary Employment — Contract Construction
120	AWSEDM	Wage and Salary Employment — Durable Manufactured Goods
121	AWSEFC	Wage and Salary Employment — Federal Civilian
122	AWSEFI	Wage and Salary Employment — Finance, Insurance and Real Estate
123	AWSEFM	Wage and Salary Employment — Farm
124	AWSEFS	Wage and Salary Employment — Federal Military
125	AWSEMF	Wage and Salary Employment — Manufacturing
126	AWSEMI	Wage and Salary Employment — Mining
127	AWSENM	Wage and Salary Employment — Nondurable Manufactured Goods
128	AWSESL	Wage and Salary Employment — State and Local Government
129	AWSESV	Wage and Salary Employment — Services
130	AWSET	Wage and Salary Employment — Total
131	AWSETR	Wage and Salary Employment — Wholesale and Retail Trade
132	AWSETU	Wage and Salary Employment — Transportation, Communications and Public Utilities
133	AWSPY	Personal Income — Wage and Salary
134	A2CEPP	Electricity Purchased — Commercial
135	A2CNGP	Natural Gas Consumption — Commercial
136	A2CCLP	Gross Coal Consumption
137	A2CTTB	Gross Energy Consumption
138	A2IEPP	Electricity Purchased — Industrial
139	A2INGP	Natural Gas Consumption — Industrial
140	A2REPP	Electricity Purchased — Residential
141	A2RNGP	Natural Gas Consumption — Residential

UNITED STATES

142	COALIN	Coal Index — Unit Price Without Legislated Taxes
143	GASIND	Natural Gas Index — Unit Price Without Legislated Taxes
144	UAPRRP	Real Domestic Product — Apparel and Other Textile Products
145	UAUDF	Price Deflator — Autos and Parts
146	UCHMRP	Real Domestic Product — Chemicals and Allied Products
147	UCLSDF	Price Deflator — Clothing and Shoes
148	UCPI	Consumer Price Index (1967 = 100)
149	UCSDF	Price Deflator — Contract Construction
150	UDIRPY	Personal Income — Dividends, Interest and Rent
151	UDMFDF	Price Deflator — Durable Manufactured Goods
152	UEMARP	Real Domestic Product — Electrical Equipment and Supplies
153	UEYTXR	Tax Rate — Effective Personal Income
154	UFBDF	Price Deflator — Food and Beverages
155	UFDBRP	Real Domestic Product — Food and Kindred Products
156	UFIRDF	Price Deflator — Finance, Insurance and Real Estate
157	UFIRDP	Real Domestic Product — Finance, Insurance and Real Estate
158	UFMTRP	Real Domestic Product — Fabricated Metal Products
159	UFUHDF	Price Deflator — Furniture and Household Equipment
160	UFURRP	Real Domestic Product — Furniture and Fixtures
161	UGDF	Price Deflator — Government
162	UGNPDF	GNP Deflator
163	UGODF	Price Deflator — Gasoline and Oil
164	UGRDP	Real Domestic Product — Government
165	ULUMRP	Real Domestic Product — Lumber and Wood Products
166	UMIDF	Price Deflator — Mining
167	UMORTR	Mortgage Rate — Newly Built Homes
168	UMTVRP	Real Domestic Product — Motor Vehicles
169	UNDGDF	Price Deflator — Personal Consumption, Nondurable Goods
170	UNEMRP	Real Domestic Product — Nonelectrical Machinery
171	UNFPPY	Personal Income — Nonfarm Proprietors
172	UNGAPC	Natural Gas Production
173	UNMFDF	Price Deflator — Nondurable Manufactured Goods
174	UNOMRP	Real Domestic Product — Nonauto Transportation Equipment and Miscellaneous
175	UODGDF	Price Deflator — Other Durable Manufactured Goods
176	UODRP	Real Domestic Product — Other Durable Manufactured Goods
177	UOLPY	Personal Income — Other Labor
178	UONDDF	Price Deflator — Other Nondurable Manufactured Goods
179	UPAPRP	Real Domestic Product — Paper and Allied Products
180	UPCDF	Price Deflator — All Personal Consumption
181	UPMTRP	Real Domestic Product — Primary Metal Industries
182	UPRTRP	Real Domestic Product — Printing and Publishing
183	URGNP	Gross National Product
184	URUBRP	Real Domestic Product — Rubber and Plastic Products
185	USCGRP	Real Domestic Product — Stone, Clay and Glass
186	USLTPC	Per Capita Taxes — State and Local
187	USSTXR	Tax Rate — Social Security
188	USVDF	Price Deflator — Services
189	USVRDP	Real Domestic Product — Services
190	UTCUDF	Price Deflator — Transportation, Communications and Public Utilities
191	UTEXRP	Real Domestic Product — Textile Mill Products
192	UTLECB	Total Energy Consumed
193	UTPPY	Personal Income — Transfer Payments
194	UTRDF	Price Deflator — Wholesale and Retail Trade
195	UTRRDP	Real Domestic Product — Wholesale and Retail Trade
196	UTURDP	Real Domestic Product — Transportation, Communications and Public Utilities
197	UUER	Unemployment Rate
198	UWADM	Annual Wage Per Person — Durable Manufactured Goods
199	UWANM	Annual Wage Per Person — Nondurable Manufactured Goods
200	UWPAAF	Annual Wage Per Person — Agricultural Services, Forestry and Fisheries
201	UWPACS	Annual Wage Per Person — Construction
202	UWPADM	Annual Wage Per Person — Durable Manufactured Goods (BEA)
203	UWPAFC	Annual Wage Per Person — Federal Civilian
204	UWPAFI	Annual Wage Per Person — Finance, Insurance and Real Estate
205	UWPAFM	Annual Wage Per Person — Farm
206	UWPAFS	Annual Wage Per Person — Federal Military
207	UWPAMI	Annual Wage Per Person — Mining
208	UWPANM	Annual Wage Per Person — Nondurable Manufactured Goods (BEA)
209	UWPART	Annual Wage Per Person — Retail Trade
210	UWPASL	Annual Wage Per Person — State and Local Government
211	UWPASV	Annual Wage Per Person — Services
212	UWPATU	Annual Wage Per Person — Transportation, Communications and Public Utilities
213	UWPAWT	Annual Wage Per Person — Wholesale Trade
214	UWPIAL	Producer Price Index (formerly Wholesale Price Index) — All Commodities
215	VNWDUM	Viet Nam War Dummy

OTHER

216	MARTIR	Alabama United States — Industrial Electricity Bill
217	TIME	Time Trend Variable (1950 = 1, 1951 = 2, etc.)

NOTE: In economic terminology the word "real" indicates that an economic variable (e.g. Real State Product) is expressed in dollars of constant value, that is, dollars not influenced by inflation. In the Alabama Econometric Model, all "real" variables are expressed in 1972 dollars. By way of contrast, variables may also be expressed in "nominal" dollars. Herein such variables are labeled "gross" (e.g. Gross State Product). Nominal dollars are the ordinary dollars exchanged in daily commerce. Due to the effects of inflation, nominal dollars (sometimes also called "current" dollars) are not of constant value. The growth rates of variables expressed in nominal dollars are, therefore, misleading because "real" growth is compounded with inflationary growth. However, because all business and government accounting is in terms of nominal dollars, it is necessary and useful to have variables expressed both ways.

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ALABAMA ECONOMIC OUTLOOK 1983

State Planning and Federal Programs